RG-3F
RG-1F

Roland Digital Grand

Owner's Manual

Roland

RG-3F
RG-1F

Roland Digital Grand

OWNER´S MANUAL

Thank you, and congratulations on your choice of the Roland RG-1F/RG-3F Digital Grand Piano.
This owner's manual is for both the RG-1F and RG-3F.

Before using this unit, carefully read the sections entitled: "IMPORTANT SAFETY INSTRUCTIONS" (p. 4), "USING THE UNIT SAFELY" (p. 5– 6), and "IMPORTANT NOTES" (p. 7– 8).
These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, owner's manual should be read in its entirety.
The manual should be saved and kept on hand as a convenient reference.

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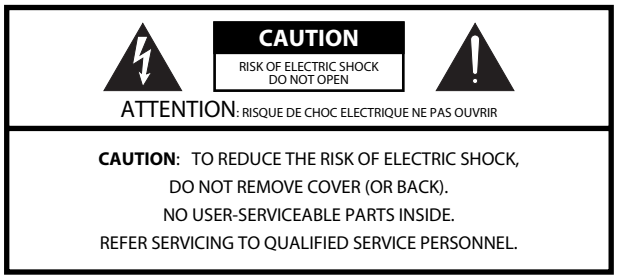
WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS
SAVE THESE INSTRUCTIONS

WARNING - When using electric products, basic precautions should always be followed, including the following:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

For the U.K.

IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

BLUE: NEUTRAL
BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.
Under no circumstances must either of the above wires be connected to the earth terminal of a three pin plug.

USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About ⚠WARNING and ⚠CAUTION Notices

⚠WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

⚠	The △symbol alerts the user to important instructions or warnings.The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The ⃠symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The ●symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING

⚠WARNING

- Do not open or perform any internal modifications on the unit.

- Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.

- Never install the unit in any of the following locations.
  - Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
  - Damp (e.g., baths, washrooms, on wet floors); or are
  - Exposed to steam or smoke; or are
  - Subject to salt exposure; or are
  - Humid; or are
  - Exposed to rain; or are
  - Dusty or sandy; or are
  - Subject to high levels of vibration and shakiness.

- **(RG-3F)**
  When installing the piano, be sure to fasten the caster using the supplied caster cup.

- Make sure you always have the unit placed so it is level and sure to remain stable. Never place it on stands that could wobble, or on inclined surfaces.

- The unit should be connected to a power supply only of the type described in the operating instructions, or as marked on the jack panel of unit.

- Use only the attached power-supply cord. Also, the supplied power cord must not be used with any other device.

⚠WARNING

- Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits. Damaged cords are fire and shock hazards!

- This unit, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should immediately stop using the unit, and consult an audiologist.

- Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.

- Immediately turn the power off, remove the power cord from the outlet, and request servicing by your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page when:
  - The power-supply cord or the plug has been damaged; or
  - If smoke or unusual odor occurs; or
  - Objects have fallen into, or liquid has been spilled onto the unit; or
  - The unit has been exposed to rain (or otherwise has become wet); or
  - The unit does not appear to operate normally or exhibits a marked change in performance.

- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.

⚠WARNING

- Protect the unit from strong impact.
(Do not drop it!)

- Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords—the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.

- Before using the unit in a foreign country, consult with your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.

- DO NOT play a CD-ROM disc on a conventional audio CD player. The resulting sound may be of a level that could cause permanent hearing loss. Damage to speakers or other system components may result.

- Do not put anything that contains water (e.g., flower vases) on this unit. Also, avoid the use of insecticides, perfumes, alcohol, nail polish, spray cans, etc., near the unit. Swiftly wipe away any liquid that spills on the unit using a dry, soft cloth.

⚠CAUTION

- The unit should be located so that its location or position does not interfere with its proper ventilation.

- Always grasp only the plug on the power-supply cord when plugging into, or unplugging from, an outlet or this unit.

- At regular intervals, you should unplug the power plug and clean it by using a dry cloth to wipe all dust and other accumulations away from its prongs. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time. Any accumulation of dust between the power plug and the power outlet can result in poor insulation and lead to fire.

- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.

- **(RG-3F)**
If the unit could become a hazard if it moves, all caster wheels should be locked or fixed in place once the unit has been placed at the place of installation, or has been loaded onto a vehicle.

⚠CAUTION

- Never climb on top of, nor place heavy objects on the unit.

- Never handle the power cord or its plugs with wet hands when plugging into, or unplugging from, an outlet or this unit.

- Since this product is very heavy, you must make sure that a sufficient number of people are on hand to help, so you can lift and move it safely, without causing strain. Make sure to have a firm grip, to protect yourself from injury and the instrument from damage.
If you need to move the instrument, take note of the precautions listed below.
  - Check to make sure the screws securing the unit to the stand have not become loose. Fasten them again securely whenever you notice any loosening.
  - Disconnect the power cord.
  - Disconnect all cords coming from external devices.
  - (RG-1F) Raise the adjusters on the stand (p. 20).
  - Close the top.
  - Close the lid.
  - Fold down the music stand.

- Before cleaning the unit, turn off the power and unplug the power cord from the outlet (p. 19).

- Whenever you suspect the possibility of lightning in your area, pull the plug on the power cord out of the outlet.

- Be careful when opening/closing the lid so you do not get your fingers pinched (p. 18). Adult supervision is recommended whenever small children use the unit.

- Be careful so you don't get your fingers pinched when you handle any moving parts such as the following. Adult supervision is recommended whenever small children use the unit.
Moving Parts
  - Top (p. 16)
  - Lid (p. 18)
  - Music Rest (p. 16)
  - Top Stick (p. 16–p. 18)

- Should you remove the following small parts, keep them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.
  - Screws
  - Cord clamps
  - A wing nut used for securing headphone hook

IMPORTANT NOTES

Power Supply

- Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter (such as a refrigerator, washing machine, microwave oven, or air conditioner), or that contains a motor. Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.
- Before connecting this unit to other devices, turn off the power to all units. This will help prevent malfunctions and/or damage to speakers or other devices.
- Although the LCD and LEDs are switched off when the POWER switch is switched off, this does not mean that the unit has been completely disconnected from the source of power. If you need to turn off the power completely, first turn off the POWER switch, then unplug the power cord from the power outlet. For this reason, the outlet into which you choose to connect the power cord's plug should be one that is within easy reach and readily accessible.

Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Also, do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Do not allow rubber, vinyl, or similar materials to remain on the unit for long periods of time. Such objects can discolor or otherwise harmfully affect the finish.
- Do not allow objects to remain on top of the keyboard. This can be the cause of malfunction, such as keys ceasing to produce sound.
- Do not paste stickers, decals, or the like to this instrument. Peeling such matter off the instrument may damage the exterior finish.

Maintenance

- **(RG-1F)**
  To clean the unit, use a dry, soft cloth; or one that is slightly dampened. Try to wipe the entire surface using an equal amount of strength, moving the cloth along with the grain of the wood. Rubbing too hard in the same area can damage the finish.
- **(RG-3F)**
  Since your piano has a polished finish that is as delicate as that found on finely crafted wooden furniture, it needs careful, periodic care. A few important suggestions concerning the proper care of the unit follow.
  - For dusting, using a soft, clean cloth and/or piano-use feather duster. Be sure to wipe gently. Even the tiniest grains of sand or grit can leave scratches on the surface if too much force is applied while wiping. Do not use any cleaners or detergents, since they might deteriorate the surface of the cabinet, and produce cracks.
  - If the cabinet's surface loses its luster, wipe it thoroughly with a soft cloth dampened with a little of the polishing liquid. Do not use any cleaners or detergents, since they might deteriorate the surface of the cabinet, and produce cracks. Do not use dusting cloths that contain chemicals.
- Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.
- The pedals of this unit are made of brass.
  Brass eventually darkens as the result of the natural oxidization process. If the brass becomes tarnished, polish it using commercially available metal polisher.

Repairs and Data

- Please be aware that all data contained in the unit's memory may be lost when the unit is sent for repairs. Important data should always be backed up on a USB memory, or written down on paper (when possible). During repairs, due care is taken to avoid the loss of data. However, in certain cases (such as when circuitry related to memory itself is out of order), we regret that it may not be possible to restore the data, and Roland assumes no liability concerning such loss of data.

Using USB Memory

(Using Optional USB memory)

- Do not connect or disconnect USB memory while it is being read from, or written to (i.e., while the USB memory access indicator will blink).
- Carefully insert the USB memory all the way in—until it is firmly in place.
- Never touch the terminals of the USB memory. Also, avoid getting the terminals dirty.
- USB memories are constructed using precision components; handle the USB memories carefully, paying particular note to the following.
  - To prevent damage to the USB memories from static electricity, be sure to discharge any static electricity from your own body before handling the USB memories.
  - Do not touch or allow metal to come into contact with the contact portion of the USB memories.
  - Do not bend, drop, or subject USB memories to strong shock or vibration.
  - Do not keep USB memories in direct sunlight, in closed vehicles, or other such locations.
  - Do not allow USB memories to become wet.
  - Do not disassemble or modify the USB memories.

Handling CD-ROMs

(Using Optional CD-ROMs)

- Avoid touching or scratching the shiny underside (encoded surface) of the disc. Damaged or dirty CD-ROM discs may not be read properly. Keep your discs clean using a commercially available CD cleaner.

Additional Precautions

- Please be aware that the contents of memory can be irretrievably lost as a result of a malfunction, or the improper operation of the unit. To protect yourself against the risk of loosing important data, we recommend that you periodically save a backup copy of important data you have stored in the unit's memory on a USB memory.
- Unfortunately, it may be impossible to restore the contents of data that was stored in the unit's memory or on a USB memory once it has been lost. Roland Corporation assumes no liability concerning such loss of data.
- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- Never strike or apply strong pressure to the display.
- A small amount of noise may be heard from the display during normal operation.
- When connecting / disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- A small amount of heat will radiate from the unit during normal operation.
- To avoid disturbing your neighbors, try to keep the unit's volume at reasonable levels. You may prefer to use headphones, so you do not need to be concerned about those around you (especially when it is late at night).
- When you need to transport the unit, pack it in shock-absorbent material. Transporting the unit without doing so can cause it to become scratched or damaged, and could lead to malfunction.
- Do not apply undue force to the music stand while it is in use.
- Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear. For information on cable specifications, contact the manufacturer of the cable.
- Before opening or closing the keyboard lid, always make sure that no pets or other small animals are located on top of the instrument (in particular, they should be kept away from the keyboard and its lid). Otherwise, due to the structural design of this instrument, small pets or other animals could end up getting trapped inside it. If such a situation is encountered, you must immediately switch off the power and disconnect the power cord from the outlet. You should then consult with the retailer from whom the instrument was purchased, or contact the nearest Roland Service Center.
- The explanations in this manual include illustrations that depict what should typically be shown by the display. Note, however, that your unit may incorporate a newer, enhanced version of the system (e.g., includes newer sounds), so what you actually see in the display may not always match what appears in the manual.

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* XGlite ( ) is a registered trademark of Yamaha Corporation.
* MMP (Moore Microprocessor Portfolio) refers to a patent portfolio concerned with microprocessor architecture, which was developed by Technology Properties Limited (TPL). Roland has licensed this technology from the TPL Group.
* All product names mentioned in this document are trademarks or registered trademarks of their respective owners.

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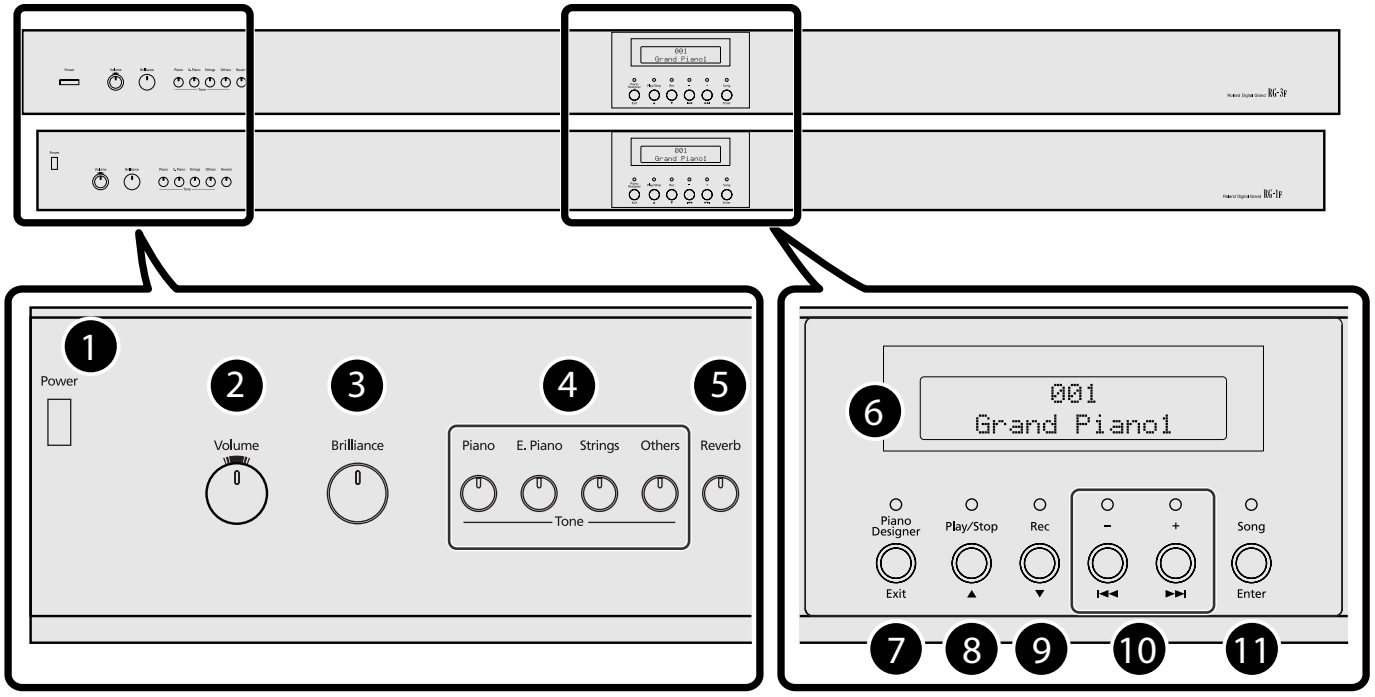
Panel Descriptions

Front Panel



1. [Power] switch

Turns the power on/off (p. 19).

2. [Volume] knob

Adjusts the overall volume level (p. 20).

3. [Brilliance] knob

Adjusts the tone brightness (p. 20).

4. Tone buttons

They are used to choose the kinds of tones (tone groups) played by the keyboard (p. 22).

[Piano] button

[E. Piano] button

[Strings] button

[Others] button

5. [Reverb] button

Adds reverberation as you would hear when playing in a concert hall (p. 24).

6. Display

Tone names, song names, and various settings are shown here.

7. [Piano Designer]/[Exit] button

Switches to a screen where you can make various settings (p. 54).

This button is also used to return to the previous screen, or to cancel a setting.

8. [Play/Stop]/[▲] button

- Plays/stops an internal song or a recorded performance (p. 43).
- Starts/stops recording your performance (p. 50).
- Selects an item in a settings screen.

9. [Rec]/[▼] button

- Records your own performance into the RG-1F/RG-3F (p. 50).
- Selects an item in a settings screen.

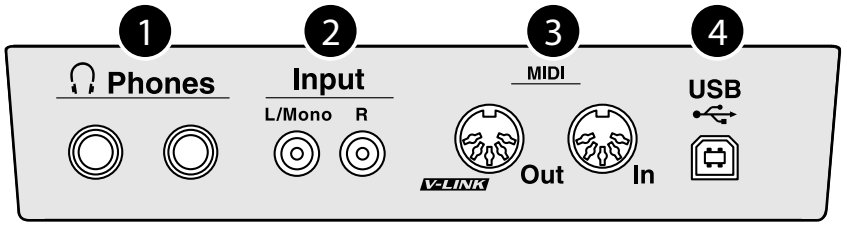
10. [+]/[►►I], [–]/[I◄◄] buttons

- Changes a value in a settings screen.
- Selects the tone played by the keyboard (p. 22).
- Selects a song (p. 43).
- Fast-forward/rewind a song (p. 43).

11. [Song]/[Enter] button

- Displays the song select screen.
- Confirms a setting you've changed.

Jack Panel (RG-1F/RG-3F's Bottom Left Panel)

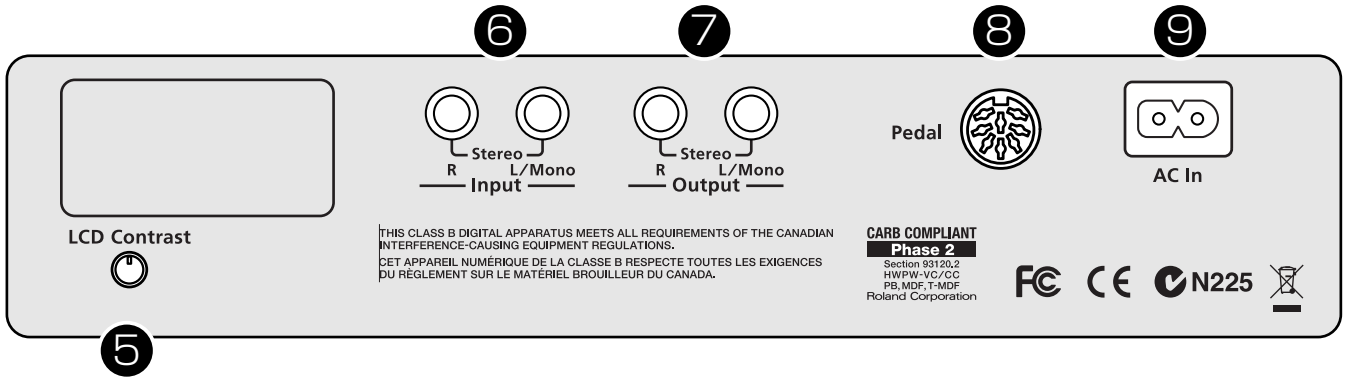


1. Phones jacks
Connect headphones to these jacks (p. 21).

2. Input jacks (RCA phono type) (L/Mono, R)
You can connect an audio device or another electronic musical instrument here, and listen to its sound through the RG-1F/RG-3F's speakers (p. 76).

3. MIDI In/Out connectors
You can connect external MIDI devices to these jacks in order to exchange performance data (p. 77).

4. USB (MIDI) connector
You can connect this to your computer in order to exchange performance data (p. 78).



5. LCD Contrast knob
Adjusts the brightness of the front panel display (p. 21).

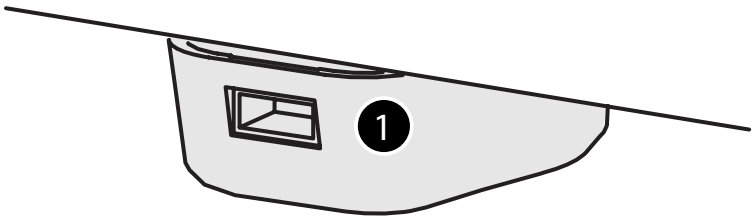
6. Input jacks (1/4 inch phone type) (L/Mono, R)
You can connect an audio device or another electronic musical instrument here, and listen to its sound through the RG-1F/RG-3F's speakers (p. 76).

7. Output jacks (1/4 inch phone type) (L/Mono, R)
You can connect these jacks to your audio system and enjoy powerful sound (p. 75).

8. Pedal connector
Connect the pedal cord here (p. 19).

9. AC Inlet
Connect the included power cord here (p. 19).

External Memory Connector (RG-1F/RG-3F's Bottom Right Panel)



1. External memory connector

You can connect your USB memory or CD drive here, and use it to play back stored songs (p. 43). Songs that you record on the RG-1F/RG-3F can also be saved to USB memory (p. 52).

By rotating the base you can store your USB memory and USB cable neatly.

* When connecting a USB cable to the external memory connector, take care that it is oriented correctly, and insert it all the way into the connector. Do not use excessive force.
* Before you can use new USB memory, you must initialize (format) it on the RG-1F/RG-3F. For details, refer to "Formatting User Memory or USB Memory" (p. 61).
* Please use USB memory sold by Roland. Operation cannot be guaranteed if any other USB memory is used.

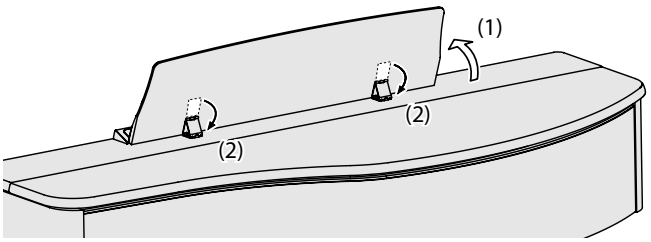
Opening/Closing the Top

Raising the music rest

⚠ CAUTION

Raise the music rest before you open the piano top. Close the piano top before you lower the music rest.

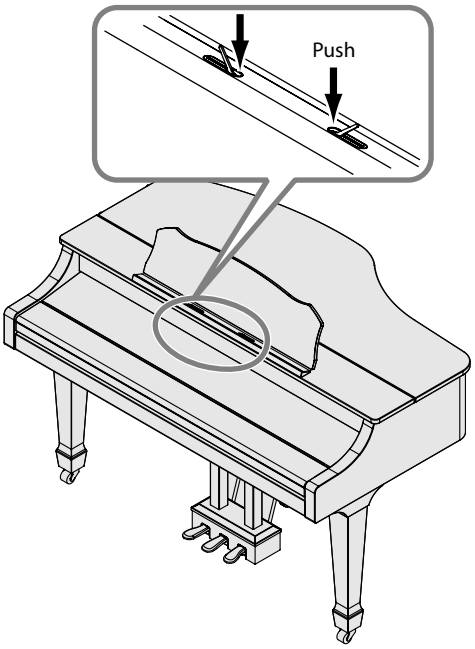
1. **Gently raise the music rest and fasten it in place.**
2. **To fold back the music rest, support it with your hand, bend down the metal fixtures, and gently lower the music rest into position.**



Using the music supports (for the RG-3F)

By raising the music supports you can hold a music book open to the desired page.

If you're not using the music supports, fold them down.

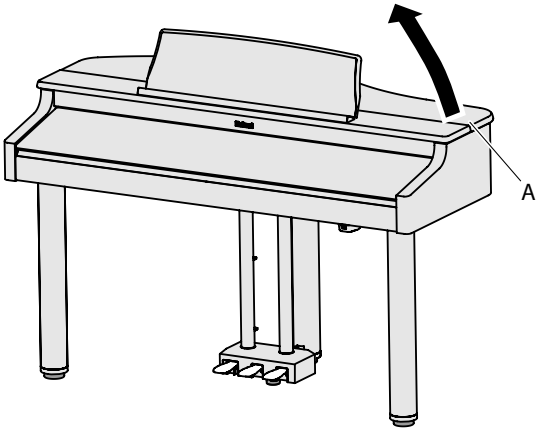


Opening the top (for the RG-1F)

⚠ WARNING

The top must be opened or closed by an adult.

3. **Use both hands to firmly grasp the right side of the top (toward the high notes: position A in the illustration), and slowly raise it.**



⚠ WARNING

When opening the top, take care not to open it too far. An angle of about 30 degrees is appropriate. Opening the top significantly beyond this angle may damage the piano, or cause the top to fall. Before you open the top, make sure that no one is in the direction toward which the top opens.

⚠ CAUTION

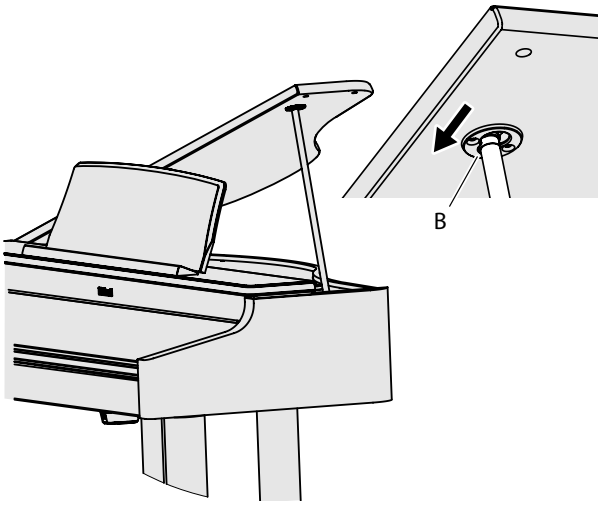
Do not transport the piano with the top opened. Doing so may cause the top stick to come out of its socket, allowing the top to fall.

4. **Using one hand to support the top, raise the top stick and fit it into its socket.**

5. Move the tip of the top stick to position B of the socket, locking it into place.

NOTE

The top stick must be locked into the socket to prevent the top from falling.
Do not release the top until the top stick is completely locked.



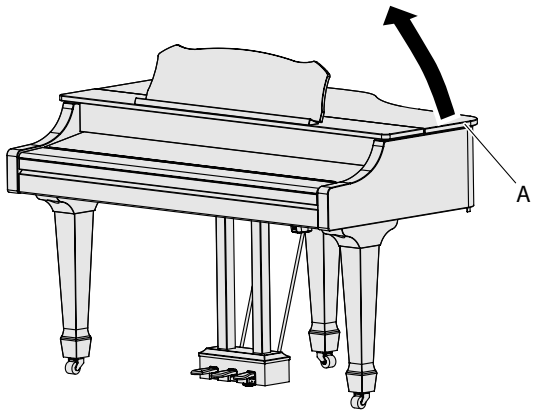
* To close the top, reverse the procedure by which you opened it.

Opening the top (for the RG-3F)

⚠WARNING

The top must be opened or closed by an adult.

3. Use both hands to firmly grasp the right side of the top (toward the high notes: position A in the illustration), and slowly raise it.



⚠WARNING

When opening the top, take care not to open it too far. An angle of about 30 degrees is appropriate. Opening the top significantly beyond this angle may damage the piano, or cause the top to fall. Before you open the top, make sure that no one is in the direction toward which the top opens.

⚠CAUTION

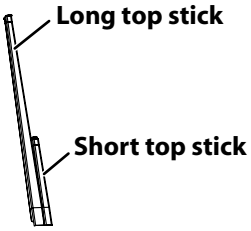
Do not transport the piano with the top opened. Doing so may cause the top stick to come out of its socket, allowing the top to fall.

4. Using one hand to support the top, raise the top stick and fit it into its socket.

About the top sticks and sockets

The RG-3F has two top sticks of differing lengths.

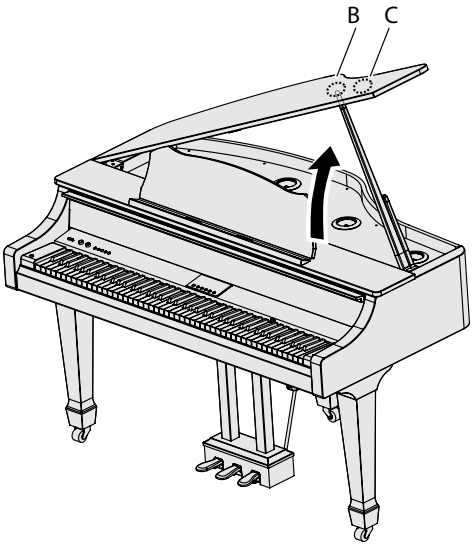
These top sticks allow you to vary the openness of the top.



The top sticks fit in the sockets as follows.

Long top stick: inner socket (location B)

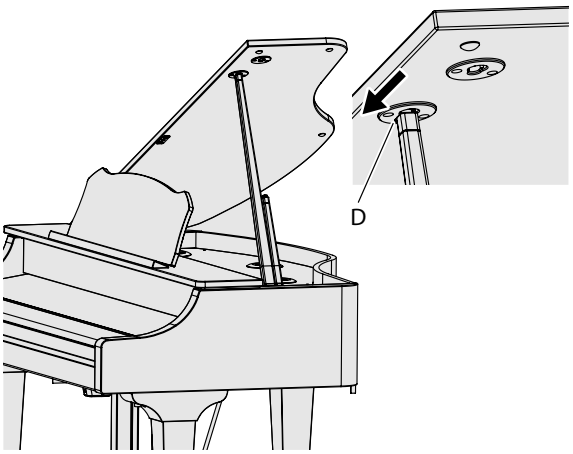
Short top stick: outer socket (location C)



5. Move the tip of the top stick to position D of the socket, locking it into place.

NOTE

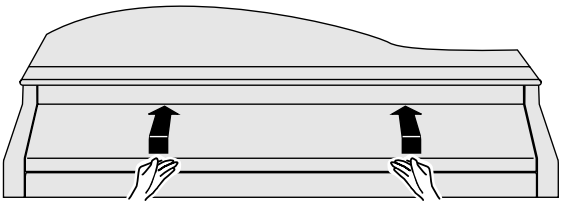
The top stick must be locked into the socket to prevent the top from falling.
Do not release the top until the top stick is completely locked.



* To close the top, reverse the procedure by which you opened it.

Opening/Closing the Keyboard Lid

For the RG-1F



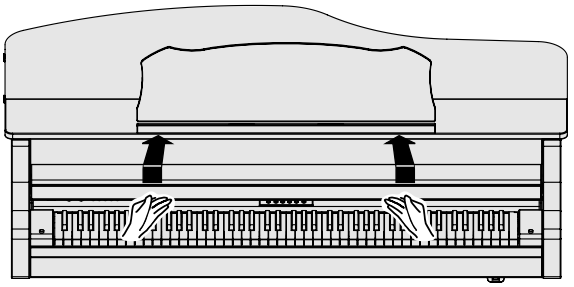
1. To open the keyboard lid, grasp the lid with both hands, lift lightly, and slide the lid toward the back.

2. To close the keyboard lid, use both hands to slowly pull the lid toward yourself, and lower it gently when it stops.

⚠ CAUTION

- Take care not to pinch your fingers when opening or closing the keyboard lid. If a small child is using the piano, an adult should provide assistance.
- For safety, be sure to close the keyboard lid before moving the piano.
- Do not close the keyboard lid while sheet music or the like is placed on the keyboard.

For the RG-3F



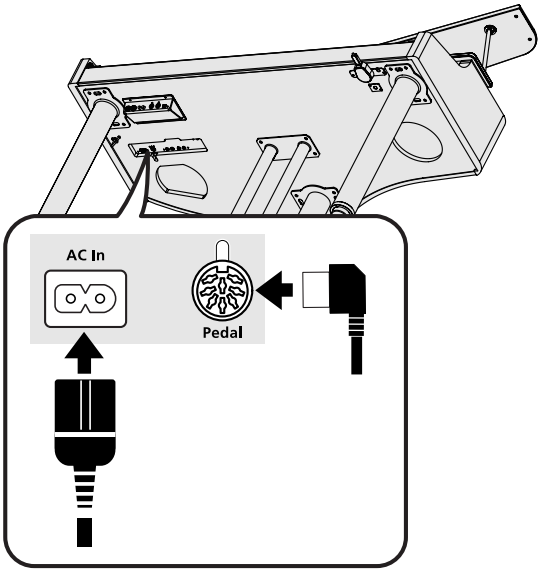
1. To open the keyboard lid, use both hands to lift up the lid.

2. To close the keyboard lid, use both hands to gently lower the lid.

⚠ CAUTION

- If you grasp the front of the keyboard lid too deeply, you risk pinching your fingers. Be careful to grasp only the front edge when opening or closing the lid.
- Be careful not to pinch your fingers when opening or closing the lid. If a small child is using the piano, an adult should provide assistance.
- For safety, be sure to close the keyboard lid before moving the piano.
- Do not close the keyboard lid while sheet music or the like is placed on the keyboard.

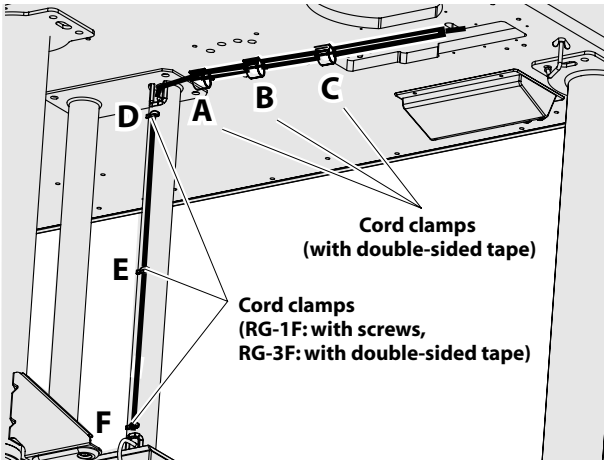
Connecting the Pedal Cord and Power Cord



1. **Connect the pedal cord to the Pedal connector of the jack panel located on the bottom left of the piano.**
2. **Connect the power cord to the AC inlet of the jack panel.**
3. **Use the cord clamps (with double-sided tape) to fasten the pedal cord and power cord at locations A, B, and C (recommended) shown below.**
4. **Fasten the power cord.**

   For the RG-1F:
   Attach the cord clamps (with screws) to locations D, E, and F shown below, and use them to fasten the cable.

   For the RG-3F:
   Attach cord clamps (with double-sided tape) to locations D, E, and F (recommended) shown below, and use them to fasten the cable.



5. **Connect the power cord to an electrical outlet.**

Turning the Power On/Off

NOTE Once the connections have been completed (p. 19), turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

Turning the power on

1. **Turn the front panel [Volume] knob all the way to the left.**

NOTE Always make sure to have the volume level turned down before switching on power. Even with the volume all the way down, you may still hear some sound when the power is switched on, but this is normal, and does not indicate a malfunction.

2. **Press the [Power] switch.**

   The power will turn on, and the front panel display will show the following.

   After a short while, sound will be heard when you play the keyboard. Use the [Volume] knob to adjust the volume.

NOTE This unit is equipped with a protection circuit. A brief interval (a few seconds) after power up is required before the unit will operate normally.

Turning the power off

1. **Turn the front panel [Volume] knob all the way to the left to minimize the volume.**
2. **Press the [Power] switch.**

   The front panel display will go dark, and the power will turn off.

NOTE If you need to turn off the power completely, first turn off the [Power] switch, then unplug the power cord from the power outlet. Refer to "Power Supply" (p. 7).

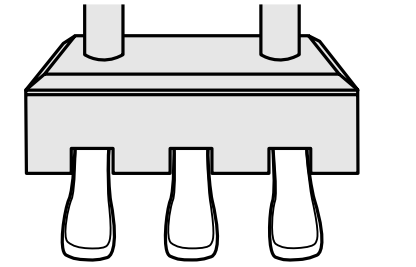
Adjusting the Sound's Volume and Brilliance

1. **Turn the [Volume] knob to adjust the overall volume.**
2. **Turn the [Brilliance] knob to adjust the brightness of the sound.**

MEMO The mark at the top of the [Volume] knob indicates the volume level typically produced by an acoustic piano. This is usually the most appropriate volume for your piano performances.

Using the Pedals

The pedals perform the following operations. You'll use them mainly when playing piano.



Damper Pedal (right pedal)

Use this pedal to sustain the sound.

While this pedal is held down, notes will be sustained for an extended time even if you release your fingers from the keyboard.

The length of sustain will change subtly depending on how deeply you press the pedal.

When you press the damper pedal of an acoustic piano, a slight noise is heard when the damper frees the strings, and a richly spacious resonance is added by the strings that vibrate in sympathy with the strings of the notes you actually play. The RG-1F/RG-3F replicates the sound created when the damper releases the string ("damper noise") and the sympathetic vibration ("damper resonance").

MEMO You can modify the sound of the damper releasing the string and the sound of the sympathetic vibration (p. 32).

Sostenuto Pedal (center pedal)

The notes you are pressing when this pedal is depressed will be sustained.

Soft Pedal (left pedal)

This pedal is used to make the sound softer.

Playing with the soft pedal depressed produces a sound that is not as strong as when otherwise played with the equivalent strength. This is the same function as the left pedal of an acoustic piano.

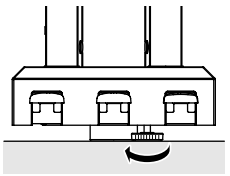
The softness of the tone can be varied subtly by the depth to which you press the pedal.

MEMO You can switch the function of the sostenuto pedal and soft pedal (p. 70).

If you move the piano (RG-1F)

If you move the piano to a different location, be sure to adjust the adjuster knob located under the pedals.

Turn the adjuster to lower it so that it firmly contacts the floor.



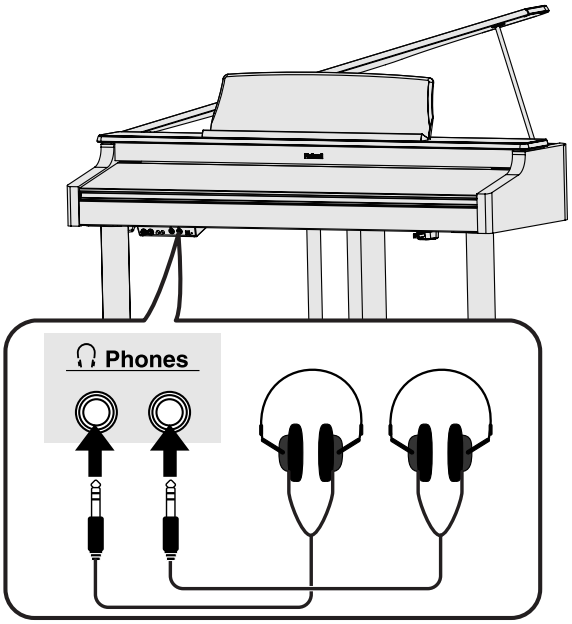
If there is a gap between the adjuster and the floor, the piano may be unstable or the pedal may be damaged. In particular when placing the piano on a carpeted surface, make sure that the adjuster is firmly pressing down on the floor.

Connecting Headphones

This instrument has two headphone jacks.

Since two people can use headphones simultaneously, this is convenient for lessons or when playing duets.

It also allows you to play late at night without inconveniencing other people.



1. Connect your headphones to a Phones jack in the jack panel located on the bottom left of the piano.

If headphones are connected, no sound will be produced from the piano's speakers.

Use the front panel [Volume] knob to adjust the volume of the headphones.

NOTE

- Use headphones that have a stereo 1/4" phone plug.
- To prevent damage to the cord's internal conductors, avoid rough handling. When using headphones, mainly try to handle either the plug or the headset.
- Your headphones may be damaged if the volume of a device is already turned up when you plug them in. Minimize the volume before you plug in the headphones.
- Excessive input will not only strain the headphones, but may also damage your hearing. Please enjoy music at an appropriate volume.

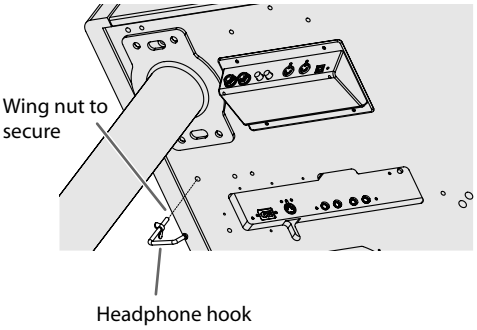
Using the Headphone Hook

Whenever you are not using the headphones, you can hang them on the headphone hook of the RG-1F/RG-3F.

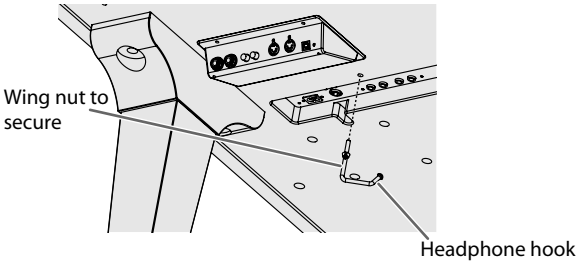
1. Press and twist the headphone hook included with the RG-1F/RG-3F into the hole in the bottom left of the RG-1F/RG-3F (refer to the figure below).

2. Turn the headphone hook wing nut to secure the headphone hook.

RG-1F



RG-3F

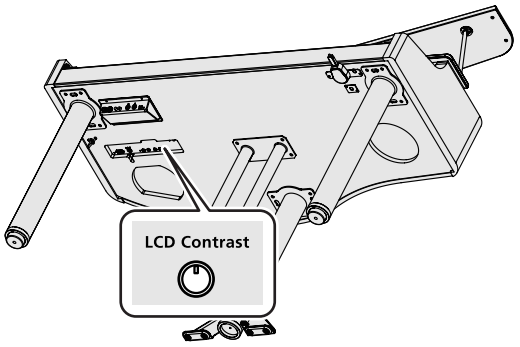


NOTE

Do not hang anything other than headphones on the headphone hook. Doing so may damage the instrument or the hook.

Adjusting the Contrast of the Screen

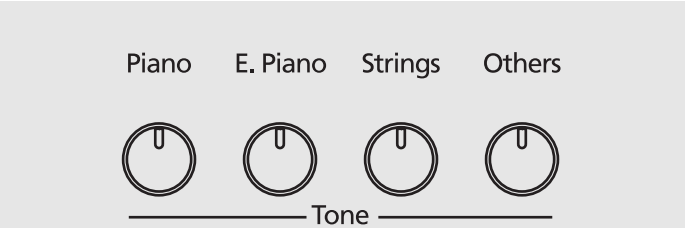
1. Turn the [LCD Contrast] knob located in the jack panel on the RG-1F/RG-3F's bottom left to adjust the brightness of the display.



Playing Various Sounds

The RG-1F/RG-3F lets you play using a variety of sounds (a total of more than 300) that include piano sounds as well as other sounds.

Each of these sounds is called a "tone." The tones are organized into four groups, with each group assigned to a tone button.



Selecting a tone group

1

Press one of the tone buttons.

The indicator of the button you pressed will light.

Play the keyboard, and you'll hear the selected tone.

Selecting variation tones

2

Use the [+] [–] buttons to select a tone.

The screen will show the name of the selected tone.

Play the keyboard, and you'll hear the selected tone.

About the available tones

Button	Description
[Piano] button	This button selects a variety of instruments in the history of the piano, ranging from grand piano to honky-tonk.
[E. Piano] button	This button selects a variety of the electric piano sounds used in pop and rock, and various instruments played with mallets.
[Strings] button	This button selects orchestral instruments such as violin and other string instruments, as well as instruments that are suitable for dual performance with piano sounds (p. 23).
[Others] button	This button selects a variety of tones including organ, bass, and GM2 sounds (p. 88). * If tone numbers 35–42 are selected, the keyboard will act as a drum set. * If you've selected a tone to which the rotary effect is applied, you can press the [Others] button to change the modulation speed of the rotary effect.

* For some tones, there are keys that do not produce sound.
* For more about the tones, refer to "Tone List" (p. 82).

Layering Two Tones (Dual Performance)

You can play two tones simultaneously from a single key.

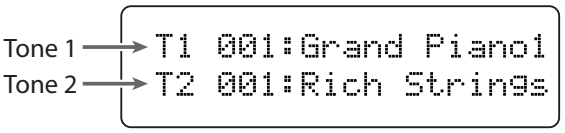
This feature is called “Dual performance.”

Here’s an example of playing piano and strings tones together.

1

Hold down the [Piano] button and press the [Strings] button.
Both buttons will light.

When you play the keyboard, the piano and strings tones will sound together.



When you press any one of the tone buttons, the dual performance settings will be cancelled, and the tone of the button you pressed will sound by itself.

About the tones

Tone name	Corresponding button	How to switch tones
Tone 1	The left tone button	Use the [+] [–] buttons.
Tone 2	The right tone button	Hold down the button of tone 2 (the right of the two lit tone buttons) and use the [+] [–] buttons.

* Dual performance is not possible if Split performance is turned on (p. 25).

* Depending on the combination of tones, there will be cases in which a tone sounds different because no effect is applied to tone 2.

MEMO
The pitch of tone 2 can be changed in steps of an octave (p. 71).

MEMO
If you press the damper pedal while using Dual performance, the effect will apply to both tone 1 and tone 2; however, you can change this setting so that the effect applies to only one tone (p. 69).

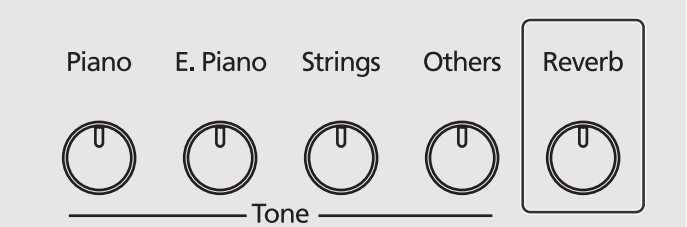
MEMO
You can adjust the volume balance of the two tones (p. 68).

Adding Reverberation (Reverb)

You can add a pleasant reverberation to the sounds you play from the keyboard, producing the impression that you're playing in a concert hall. This effect is called "Reverb."

1

Press the [Reverb] button.



The [Reverb] button will light; reverb will be applied to the sounds you play from the keyboard.

To cancel the reverb effect, press the [Reverb] button once again so its illumination is turned off.

Adjusting the Reverb Depth

1

Hold down the [Reverb] button and press the [+] or [–] button.
The screen will indicate the reverb depth setting.

Range	1–10

Higher values produce deeper reverb.

* You can't set the reverb depth individually for each tone. Each tone will have the same reverb depth.

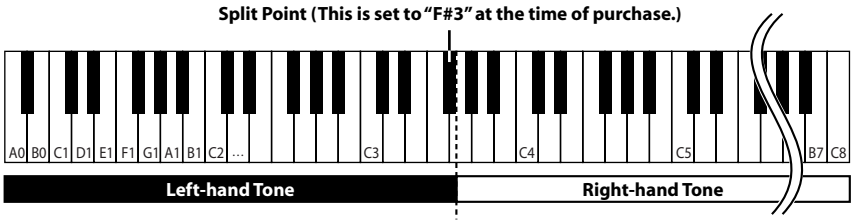
* The depth of the reverb applied to song playback will not change.

MEMO
You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

Playing Different Tones with the Right and Left Hands (Split Performance)

"Split performance" is a feature that lets you divide the keyboard at a specific note, and play different tones with the right and left hands. When using Split performance, the note at which the keyboard is divided is called the "split point."

The split point note is included in the left-hand section of the keyboard.



1 **Select a tone (p. 22).**

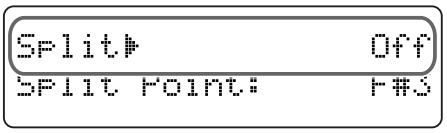
The tone you select will be the right-hand tone.

2 **Press the [Piano Designer] button so the indicator is lit.**

3 **Use the [▲] [▼] buttons to select "9. Function."**

4 **Press the [Enter] button.**

5 **Use the [▲] [▼] buttons to select "Split."**



6 **Press the [+] button to turn the setting "On."**

The keyboard will be divided into right-hand and left-hand sections.

The right-hand section of the keyboard will play the tone you were playing before selecting Split performance.

Hold down the tone button for the tone you want to play in the left-hand section; the screen will indicate the tone name. Now you can use the [+] [–] buttons to select the desired variation for the left-hand tone.

* To cancel the Split function, press the [–] button to turn the "Split" setting "Off."

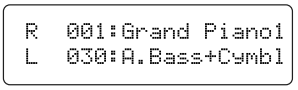
7 **Press the [Piano Designer] button several times to make the indicator go dark.**

MEMO

You can change the split point.
Refer to "Changing the Keyboard Split Point" (p. 26).

MEMO

To turn the Split function on/off, hold down a tone button and press the [Song] button. When the Split function is on, a screen such as the following will be shown.



Hold down the tone button for the left-hand section and use the [+] [–] buttons to select the desired variation for the left-hand tone.

Changing the Keyboard Split Point

Here's how to change the split point when using Split performance.

1

Press the [Piano Designer] button so the indicator is lit.

2

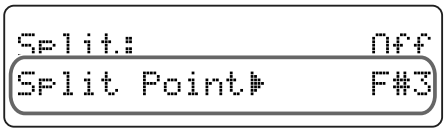
Use the [▲] [▼] buttons to select "9. Function."

3

Press the [Enter] button.

4

Use the [▲] [▼] buttons to select "Split Point."



5

Use the [+] [–] buttons to specify the split point.

Range	B1–B6

6

Press the [Piano Designer] button several times to make the indicator go dark.

MEMO
You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

MEMO
This is set to "F#3" at the time of purchase.

Changing the Pitch of the Keyboard (Transpose)

"Transpose" is a function that lets you shift the pitch without changing the fingering with which you play the keyboard.

For example, if a song is in a difficult key that contains numerous sharps (♯) or flats (♭), using the Transpose function will let you play the song in an easier key.

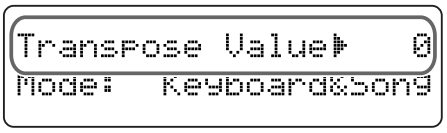
If you're accompanying a singer, you can easily transpose to a key that's comfortable for their voice while keeping the same keyboard fingering (i.e., while playing the music as written).

1 **Press the [Piano Designer] button so the indicator is lit.**

2 **Use the [▲] [▼] buttons to select "9. Function."**

3 **Press the [Enter] button.**

4 **Use the [▲] [▼] buttons to select "Transpose Value."**



5 **Use the [+] [–] buttons to specify the key to which you want to transpose.**

Each time you press the [+] or [–] button, the pitch of the keyboard will change by one semitone.

By pressing both the [+] [–] buttons simultaneously, you can return the transposition to its original setting (0).

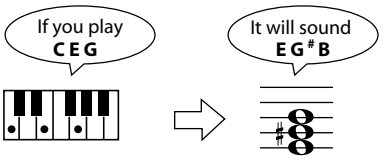
Setting	Description
-6–0–+5	Semitone steps With a setting of "0," the Transpose feature is cancelled.

* If you switch songs, the transpose setting will return to "0."

Example:

The song is written in E major, but you want to play it using C-scale fingering

This setting is relative to the root (C) of the C-scale. Since E is four chromatic steps above C, you'll set the transpose setting to "4."



6 **Press the [Piano Designer] button several times to make the indicator go dark.**

MEMO

The RG-1F/RG-3F lets you choose how you want to transpose; you can transpose just the keyboard, both the keyboard and the song together, or just the song. With the factory settings, both the keyboard and the song will be transposed (p. 69). If you change this setting so that only the song is transposed, the Transpose function will not apply to the keyboard.

Playing with the Metronome

You can sound the metronome while you play.

The volume and time signature of the metronome can be changed.

If a song is playing, the metronome will sound at the tempo and time signature of that song.

1 **Press the [Piano Designer] button so the indicator is lit.**

2 **Use the [▲] [▼] buttons to select "4. Metronome."**

3 **Press the [Enter] button.**

4 **Use the [▲] [▼] buttons to select "Metronome."**

5 **Press the [+] button to turn the setting "On."**

The metronome will begin sounding.

To stop the metronome, turn the setting "Off."

Changing the metronome's tempo

6 **Use the [▲] [▼] buttons to select "Tempo."**

7 **Use the [+] [–] buttons to set the tempo.**

Correspondence between beat and tempo display

Time signature	2/2	0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4	3/8	6/8, 9/8, 12/8
Tempo value	𝅗𝅥 =5–250	♩ =10–500	♪ =20–999	♩. =7–333

Changing the metronome's time signature

8 **Use the [▲] [▼] buttons to select "Beat."**

9 **Use the [+] [–] buttons to set the time signature.**

Setting	Description
2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8	If you choose "0/4," only the sound of the weak beats will be heard.

Changing the metronome's volume

10 **Use the [▲] [▼] buttons to select "Metronome Vol."**

11 **Use the [+] [–] buttons to set the metronome volume.**

Setting	Description
0–10	The metronome will not sound if you set the metronome volume to "0."

12 **Press the [Piano Designer] button several times to make the indicator go dark.**

MEMO
If a song is playing, the metronome will be set to the time signature of that song.

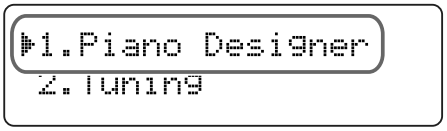
NOTE
You can't change the metronome's time signature while a song is playing.

Changing the Keyboard Sensitivity (Key Touch)

Here's how to change the sensitivity with which the keyboard responds to your playing.

1 **Press the [Piano Designer] button so the indicator is lit.**

2 **Use the [▲] [▼] buttons to select "1. Piano Designer."**



3 **Press the [Enter] button.**
The Tone "Grand Piano1" is selected.

4 **Use the [▲] [▼] buttons to select "Key Touch."**

5 **Use the [+] [–] buttons to choose the Key Touch setting.**

Setting	Description
Fixed	Notes will sound at a fixed volume, regardless of how strongly you play the keyboard.
S.Light (Super Light)	Very light
Light	Light
Medium	Standard
Heavy	Heavy
S.Heavy (Super Heavy)	Very heavy

6 **Press the [Piano Designer] button several times to make the indicator go dark.**

A lighter setting allows you to produce fortissimo (ff) with a lighter touch, making the keyboard feel lighter. This setting will be comfortable for children who have not yet developed finger strength.

A heavier setting will require you to play more strongly than usual to produce fortissimo (ff), making the keyboard feel heavier. This setting allows you to be more expressive when you're varying your playing dynamics.

The "Medium" setting allows for performing with the most natural touch. This setting is the closest to that of an acoustic piano.

MEMO
You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

Adjusting the Piano Sound to Your Taste (Piano Designer)

What is Piano Designer?

The RG-1F/RG-3F lets you adjust the piano sound to your taste by modifying various aspects of a grand piano's sound, such as its strings, pedal, and keyboard resonances, as well as the keyboard touch sensitivity.

This function is called "Piano Designer."

MEMO

You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

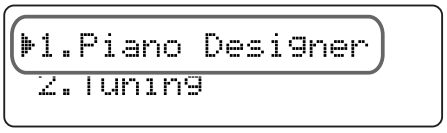
Using Piano Designer

1

Press the [Piano Designer] button so the indicator is lit.

2

Use the [▲] [▼] buttons to select "1. Piano Designer."



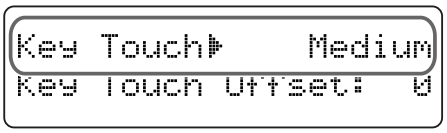
3

Press the [Enter] button.

The Tone "Grand Piano1" is selected.

4

Press the [▲] [▼] button to select the item that you want to edit (p. 32).



5

Use the [+] or [–] buttons to adjust the value.

6

Repeat steps 4-5 to adjust the piano sound to your taste.

7

Press the [Piano Designer] button several times to make the indicator go dark.

Piano Designer Settings

Parameter	Value	Description
Key Touch	Fixed, S.Light (Super Light), Light, Medium, Heavy, S.Heavy (Super Heavy)	Adjusts the touch sensitivity of the keyboard. If you select "Fixed," notes will sound at a uniform volume regardless of how strongly you play the keyboard.
Key Touch Offset	-10–0–9	This lets you make further detailed adjustments to the keyboard sensitivity as appropriate for the strength of your fingers. Higher settings will produce a heavier playing feel.
Lid	0–6	Adjusts the extent to which the top of the grand piano is open. Lower values produce a softer sound. Higher values produce a brighter sound.
Tone Character	-5–0– +5	Larger values produce a harder sound, and smaller values produce a softer sound.
Damper Resonance	Off, 1–10	This adjusts the damper resonance of the acoustic piano sound (the sympathetic vibration produced in strings other than those actually played when you press the damper pedal). Higher settings will make the sympathetic vibration louder.
String Resonance	Off, 1–10	This adjusts the string resonance of the acoustic piano sound (the sympathetic vibrations of strings for previously played notes that occur when you play another note). Higher settings will make the sympathetic vibration louder.
Key Off Resonance	Off, 1–10	This adjusts sympathetic vibrations such as an acoustic piano's key-off sound (the subtle sound that occurs when you release a note). Higher settings will make the sympathetic vibration louder.
Cabinet Resonance	Off, 1–10	Adjusts the body resonance of the grand piano itself. Higher values will produce a larger body resonance.
Hammer Noise	-2–0– +2	This adjusts the sound produced when the hammer of an acoustic piano strikes the string. Higher settings will produce a louder sound of the hammer striking the string.
Hammer Response	Off, 1–10	This adjusts the time from when you play a key until the piano sound is heard. Higher settings will produce slower response.
Duplex Scale	Off, 1–10	This adjusts the sympathetic vibrations of an acoustic piano's Duplex Scale. Higher settings will make the sympathetic vibration louder.
Damper Noise	Off, 1–10	This adjusts the damper noise of the acoustic piano sound (the sound of the damper releasing the strings when you press the damper pedal). * If damper resonance is turned "Off," damper noise will not be heard.

What is the Duplex Scale?

The Duplex Scale is a system of sympathetically vibrating strings sometimes included in grand pianos.

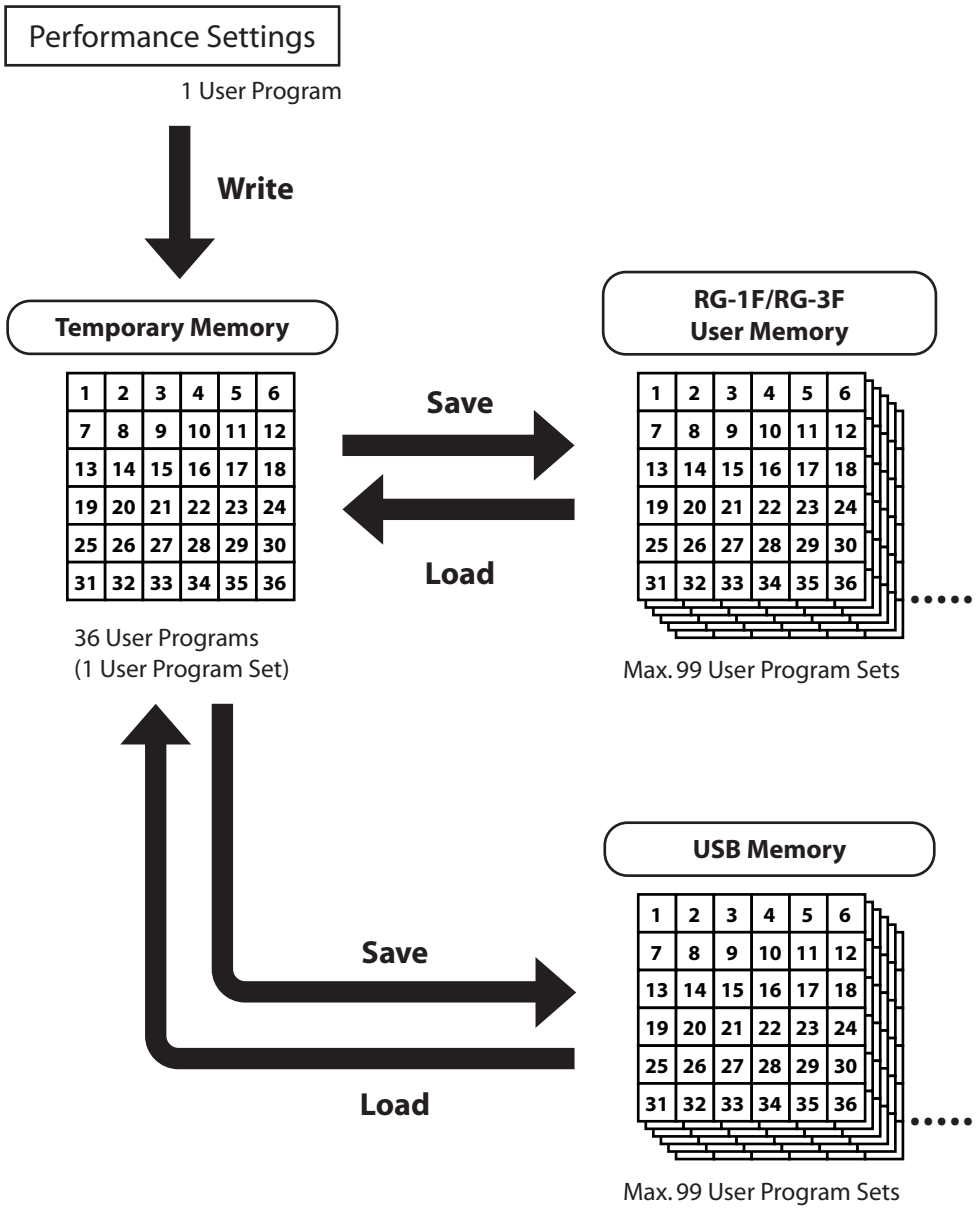
These sympathetically vibrating strings are not struck directly with hammers, but sound by vibrating in sympathy with the vibrations of other strings. By resonating with the overtones, these strings add richness and brilliance to the sound. These sympathetic strings are added only to the high register above approximately C4. Since they do not have a damper (a mechanism that stops them from sounding), they will continue sounding even after you play a note and then release it to stop the sound of the string that was actually struck.

User Program Registration

Settings such as the currently selected tone select button, transposition, and volume balance can be saved as a "user program."

You can call up and play your saved favorite settings at any time.

It's convenient to save your frequently used settings as a user program for future use.



MEMO

For more about the contents that are saved in this way, refer to "Items Saved as User Programs" (p. 87).

Saving Your Performance Settings (User Program)

This instrument lets you save 36 different user programs.

1

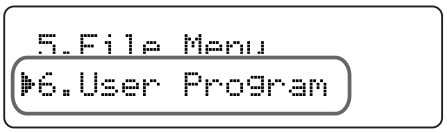
Make the desired settings by selecting a tone, etc.

2

Press the [Piano Designer] button so its indicator is lit.

3

Use the [▲] [▼] buttons to select "6. User Program."



4

Press the [Enter] button.

5

Use the [▲] [▼] buttons to select "WRITE."

6

Press the [Enter] button.
The following screen will appear.

7

Use the [+] [–] buttons to select the destination number (UPG 01–UPG 36).

8

Press the [Enter] button.
A confirmation message will appear in the screen.

* To return to the previous screen without saving your settings, press the [EXIT] button.

9

Press the [Enter] button once again.
The current performance settings will be saved, and you will return to the USER PROGRAM screen.

10

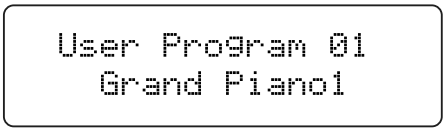
Press the [Piano Designer] button a number of times until its indicator has gone out.

Calling Up Your Saved User Program Settings

You can quickly and easily call up your saved user program settings.

1 **Press the [Piano Designer] button so its indicator is turned off.**

2 **While holding down the [Piano Designer] button, use the [+] [–] buttons to select a user program (User Program 01–User Program 36).**



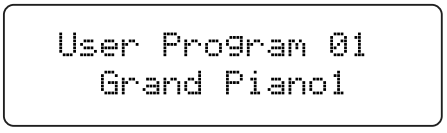
The buttons and other performance settings will change to the settings you stored.

The lower line of the screen will indicate the name of the sound that's stored in the user program settings.

Cancelling the user program

Here's how to cancel the user program settings.

1 **In step 2 of the procedure above, choose "User Program 01."**



2 **While holding down the [Piano Designer] button, press the [–] button.**

The user program settings will be cancelled.

MEMO

It's also possible to use a pedal to call up your saved user program settings.
For details, refer to "Using a Pedal to Switch User Programs" (p. 42).

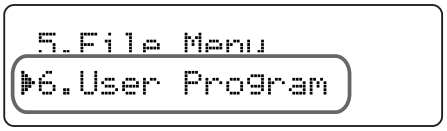
Saving a Set of User Programs

The 36 user programs stored in this instrument can be saved to user memory (p. 44) or USB memory (sold separately) as a single set.

* If you want to save to USB memory, connect your USB memory to the external memory connector (p. 15).

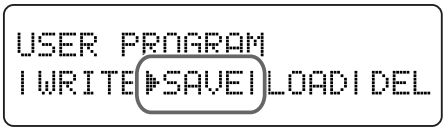
1 **Press the [Piano Designer] button so its indicator is lit.**

2 **Use the [▲] [▼] buttons to select "6. User Program."**



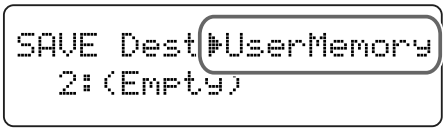
3 **Press the [Enter] button.**

4 **Use the [▲] [▼] buttons to select "SAVE."**



5 **Press the [Enter] button.**

6 **Use the [+] [–] buttons to select the destination at which you want to save the set of user programs.**



Setting	Description
User Memory	The set of user programs will be saved to user memory.
Ext Memory	The set of user programs will be saved to USB memory.

7

Press the [▼] button to select the lower line of the screen, and then use the [+] [–] buttons to select the save-destination number for the set of user programs.

Setting	UPG Set 01 – UPG Set 99

* To return to the previous screen without saving the user program set, press the [EXIT] button.

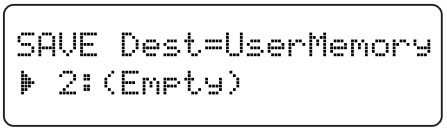
8

Press the [Enter] button.
The set of user programs will be saved.

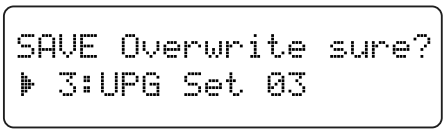
9

Press the [Piano Designer] button a number of times until its indicator has gone out.

Numbers in which data has not been saved are shown in the screen as "2: (Empty)."



If you select a number in which performance settings data has already been saved, and then attempt to save, the following screen will appear.



If you save data to a number that already contains data, the previously saved data will be erased.

If you want to erase the previously saved data and replace it with the new data you're saving, press the [Enter] button.

If you don't want to erase the previously saved data, press the [Exit] button to cancel the Save operation.

NOTE
Never turn off the power while the screen indicates "Executing..." Doing so will damage the USB memory or user memory, rendering it unusable.

MEMO
If you want to delete a saved set of user programs, refer to "Deleting a Set of User Programs" (p. 40).

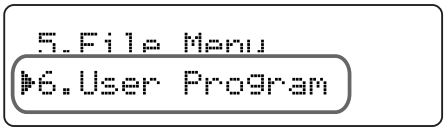
Loading a Set of User Programs

Here's how to load an entire set of user programs that you saved to user memory (p. 44) or USB memory (sold separately).

* If you want to load a set of user programs that was saved to USB memory, connect your USB memory to the external memory connector (p. 15).

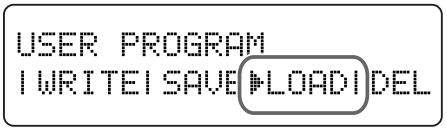
1 **Press the [Piano Designer] button so its indicator is lit.**

2 **Use the [▲] [▼] buttons to select "6. User Program."**



3 **Press the [Enter] button.**

4 **Use the [▲] [▼] buttons to select "LOAD."**



5 **Press the [Enter] button.**

6 **Use the [+] [–] buttons to change the "LOAD from" setting (the location of the set of user programs that you want to load).**

Setting	Description
User Memory	Load a set of user programs stored in user memory.
Ext Memory	Load a set of user programs stored on USB memory.

NOTE

Be aware that when you load a set of user programs, all of the user programs stored in this instrument will be lost.

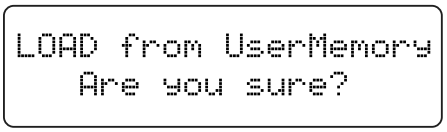
7

Press the [▼] button to select the lower line of the screen, and use the [+] [–] buttons to select the number of the user program set that you want to load.

8

Press the [Enter] button.

A confirmation message will appear in the screen.



* To return to the previous screen without loading the user program set, press the [Exit] button.

9

Press the [Enter] button once again.

The selected user program set will be loaded.

10

Press the [Piano Designer] button a number of times until the indicator has gone out.

NOTE

If you're loading data that was saved in USB memory, don't disconnect the USB memory until loading has been completed.

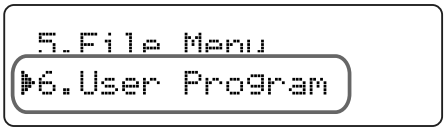
Deleting a Set of User Programs

Here's how to delete an entire set of user programs that was saved to user memory (p. 44) or USB memory (sold separately).

* If you want to delete a set of user programs that was saved to USB memory, connect the USB memory to the external memory connector (p. 15).

1 **Press the [Piano Designer] button so its indicator is lit.**

2 **Use the [▲] [▼] buttons to select "6. User Program."**

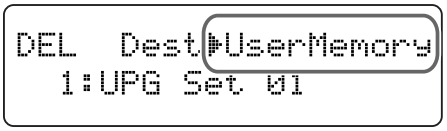


3 **Press the [Enter] button.**

4 **Use the [▲] [▼] buttons to select "DEL."**

5 **Press the [Enter] button.**

6 **Use the [+] [–] buttons to select the location of the user program set that you want to delete.**



Setting	Description
User Memory	Delete a user program set stored in user memory.
Ext Memory	Delete a user program set stored on USB memory.

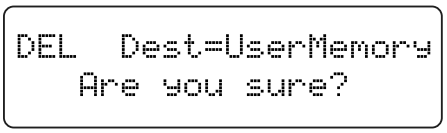
7

Press the [▼] button to select the lower line of the screen, and use the [+] [–] buttons to select the number of the user program set that you want to delete.

Setting	UPG Set 01 – UPG Set 99

8

Press the [Enter] button.
A confirmation message will appear in the screen.



* To return to the previous screen without deleting the user program set, press the [Exit] button.

9

Press the [Enter] button once again.
The selected user program set will be deleted.

10

Press the [Piano Designer] button a number of times until the indicator has gone out.

NOTE
If you're deleting data that was saved on USB memory, don't remove the USB memory until deletion is finished.

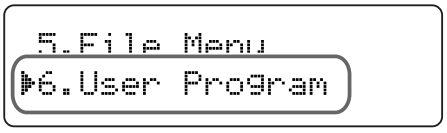
NOTE
Never turn off the power while the screen indicates "Executing..." Doing so will damage the USB memory or user memory, rendering it unusable.

Using a Pedal to Switch User Programs

A pedal can be assigned the function of selecting among user programs. Once the assignment is made, you can step on the pedal to cycle through the user programs in numerical order, like this: 1, 2, 3, ... 36, then back to 1.

1 **Press the [Piano Designer] button so its indicator is lit.**

2 **Use the [▲] [▼] buttons to select "6. User Program."**



3 **Press the [Enter] button.**

4 **Use the [▲] [▼] buttons to select "DEL."**

5 **Press the [▼] button.**

6 **Use the [+] [–] buttons to select the pedal that you want to use to switch user programs.**

Setting	Description
Off	A pedal will not be used to switch user programs.
Left	The left pedal is dedicated to switching user programs. The function previously assigned to the left pedal will be unavailable.
Center	The center pedal is dedicated to switching user programs. The function previously assigned to the center pedal will be unavailable.

7 **Press the [Piano Designer] button a number of times until the indicator has gone out.**

Each time you press the pedal to which you assigned the function of switching user programs, the user program will be switched.

Listening to a Song

The RG-1F/RG-3F contains a variety of built-in songs. Here's how to listen to these songs.

You can also play back the following types of songs (data).

When USB memory/ CD drive is connected	SMF music data (p. 88)
	Audio files • File name extension of ".wav" • 16-bit linear • Sampling rate of "44.1 kHz"
When a CD drive is connected	Music CD

Playing Back a Song

1

If you want to play back a song that's on external media (music CD/ CD-ROM/USB memory), prepare that external media.

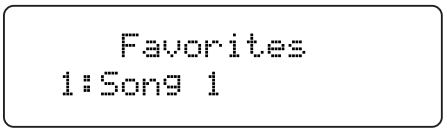
- Connect your USB memory to the external memory connector (p. 15).
- Insert your music CD or CD-ROM into the CD drive.

2

Press the [Song] button so the indicator is lit.

3

Hold down the [Song] button and use the [+] [–] buttons to select the memory that contains the song you want to play back.



Value	Description
Song	Choose this if you want to record a new song (p. 50).
Ext Memory	Play back a song saved on external memory. * You can't select this if nothing is connected to the external memory connector, or if no songs are saved in the external memory.
CD	Play back a music CD, or music data or an audio files saved on CD-ROM. * You can't select this if no songs are saved on the CD-ROM.
Favorites	Play back a song saved in Favorites (p. 44). * You can't select this if no songs are saved in Favorites.
Preset Song	Play back an internal song. * For the titles of the internal songs, refer to "Internal Song List" (p. 85).

MEMO

The following functions cannot be used while playing an audio file.

- Copy to "Favorites" (p. 59)
- Track muting (p. 45)

NOTE

If recorded song data already exists, the screen will ask "Delete User Song OK?" If it is OK to delete the recorded song, press the [Enter] button.
If you don't want to delete the recorded song, press the [Exit] button, and then save the song to "Favorites" or USB memory (p. 52).

4

Use the [+] [–] buttons to select the song that you want to play.

To select a song that's inside a folder

(1) Use the [⏮] [⏭] buttons to select the folder.

(2) Press the [Play/Stop] button.
The first song in that folder will be displayed.

(3) Use the [⏮] [⏭] buttons to select the song that you want to play.

* This may take some time depending on the number of songs in the folder.

To exit a folder

(1) Press the [⏮] button a number of times until "↑Up" appears in the display.

(2) Press the [Play/Stop] button.

NOTE

- If a folder contains 500 or more files or folders, some of those files or folders might not be displayed.
- Files whose name begins with a "." (period) are not displayed.

5

Press the [Play/Stop] button.

To pause, press the [Play/Stop] button once again.

The next time you press the [Play/Stop] button, playback will resume from where you paused.

Operation	Button
Pause	Press the [Play/Stop] button while the song is playing. When you press the [Play/Stop] button once again, playback will resume from where you paused.
Move to beginning of next song	Press the [⏭] button.
Move to beginning of current song	Press the [⏮] button.
Fast-forward the song	Hold down the [⏭] button while the song is playing.
Rewind the song	Hold down the [⏮] button while the song is playing.

MEMO

If you've specified that playback will occur one song at a time (p. 62), playback will end automatically when the song ends.

What are "Favorites"?

The RG-1F/RG-3F has user memory (internal memory) that holds "Favorites" and "User Programs."

"Favorites" refers to an area in which you can save a performance you've recorded on the RG-1F/RG-3F, or to which you can copy songs from CD-ROM or USB memory. If you've copied a song to the "Favorites," you'll be able to easily select that song just by pressing the [Song] button and choosing "Favorites."

Changing the Playback Settings for Internal Songs or SMF Music Files

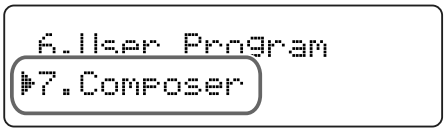
Playing Back Individual Parts (Track Mute)

Here's how you can play back just the selected parts of a song.
This lets you practice along with a song, one hand at a time.

1 **Press the [Play/Stop] button to start playing back a song.**

2 **Press the [Piano Designer] button so the indicator is lit.**

3 **Use the [▲] [▼] buttons to select "7. Composer."**



4 **Press the [Enter] button.**

5 **Use the [▲] [▼] buttons to select the part that you want to mute.**

Parameter	Description
Right Track	Right-hand part
Left Track	Left-hand part
Accomp Track	Accompaniment part

6 **Use the [+] [–] buttons to specify the Mute setting.**
The function that temporarily mutes the sound of a specific part is called "track mute."

Value	Description
Mute	No sound will be heard. * You can change the Mute Volume (p. 62) so that the part will play back at a low volume, allowing you to use it as a guide for your own playing.
On	The sound will be heard.
- - - -	No data exists.

* The setting will be On when you switch to a different song.

7 **Press the [Piano Designer] button several times to make the indicator go dark.**

NOTE
You can't use this setting for audio files.

MEMO
For example, if you want to practice the right hand, you would set Right Track to Mute.

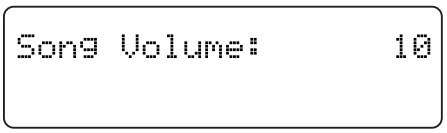
Changing the Volume at which a Song Plays (Song Volume)

Here's how to adjust the playback volume for songs saved in the RG-1F/RG-3F or SMF music files played from external memory (USB memory/CD-ROM).

When you're practicing along with a song, this lets you adjust the volume balance between your keyboard playing and the song playback.

1 **Hold down the [Play/Stop] button and press the [+] or [–] button.**

The song playback volume is displayed while you hold down the [Play/Stop] button.



Value	0–10

MEMO
You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

Changing the Song Tempo

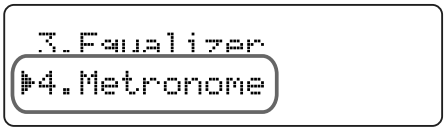
Here's how to change the tempo at which the song plays.

This is convenient when you want to play along with a difficult song at a more comfortable tempo.

1 **Select the song that you want to play back (p. 43).**

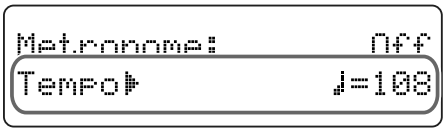
2 **Press the [Piano Designer] button so the indicator is lit.**

3 **Use the [▲] [▼] buttons to select "4. Metronome."**



4 **Press the [Enter] button.**

5 **Use the [▲] [▼] buttons to select "Tempo."**



6 **Use the [+] [–] buttons to adjust the tempo.**

How time signature and tempo indications correspond

Time signature	2/2	0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4	3/8	6/8, 9/8, 12/8
Tempo value	𝅗𝅥 =5–250	♩ =10–500	♪ =20–999	♩. =7–333

7 **Press the [Piano Designer] button to make the indicator go dark.**

Changing the Key of the Song Playback (Playback Transpose)

You can transpose the playback of an SMF music file or your own performance that you recorded.

The playback of a song from a music CD or an audio file can also be transposed.

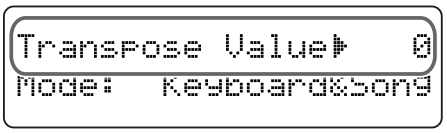
1 **Select the song that you want to play back (p. 43).**

2 **Press the [Piano Designer] button so the indicator is lit.**

3 **Use the [▲] [▼] buttons to select "9. Function."**

4 **Press the [Enter] button.**

5 **Use the [▲] [▼] buttons to select "Transpose Value."**



6 **Use the [+] [–] buttons to change the setting.**

The song will be transposed in semitone steps.

Value	-6–0–+5 (semitone steps)

* If you select another song, the transpose setting will return to "0."

7 **Press the [Piano Designer] button several times to make the indicator go dark.**

MEMO
To return to the original tempo, press the [+] [–] buttons simultaneously.

MEMO
If a music CD or an audio file is selected, the range will be "75–100–125 (%)" (p. 48).

MEMO
If you've selected a song from a music CD or an audio file, using Playback Transpose may affect the tonal character.

MEMO
To return to the original value (0), press the [+] [–] buttons simultaneously.

MEMO
The RG-1F/RG-3F lets you choose how you want to transpose; you can transpose just the song, both the keyboard and the song together, or just the keyboard (p. 69). With the factory settings, both the keyboard and the song will be transposed.

Changing the Playback Settings for Audio Files or Music CDs

Changing the Volume of an Audio File or Music CD

Here's how to change just the volume of a song from an audio file or a music CD.

1 **Play back the audio file or music CD (p. 43).**

2 **Hold down the [Play/Stop] button and use the [+] [–] buttons to adjust the volume.**

Value	0–10

MEMO
You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

Changing the Tempo of a Song

You can change the song playback tempo of an audio file or a music CD song (p. 46). However in this case, the range of settings will be as follows.

Value	75–100–125 (%)

Changing the Playback Key of a Song (Playback Transpose)

You can change the playback key of a music CD song or an audio file (Playback Transpose) (p. 47).

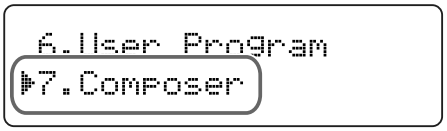
Decreasing the Playback Volume of Sounds in the Center (Center Cancel)

You can decrease the volume of sounds (vocals, some melodic instruments, etc.) heard at the center of the stereo sound field when playing an audio file or a music CD song.

1 **Play back the audio file or music CD (p. 43).**

2 **Press the [Piano Designer] button so the indicator is lit.**

3 **Use the [▲] [▼] buttons to select "7. Composer."**



4 **Press the [Enter] button.**

5 **Use the [▲] [▼] buttons to select "Center Cancel."**

6 **Use the [+] [–] buttons to turn the Center Cancel function on/off.**

Value	Description
On	The volume of the melody or vocal will decrease.
Off	Center Cancel will not be used.

* Center Cancel is turned off when you switch to a different song.

7 **Press the [Piano Designer] button several times to make the indicator go dark.**

NOTE
For some songs, the effect might be difficult to notice.

Recording Your Performance

Please note when recording

You can save your recorded performance to “Favorites” (p. 44). If you turn off the power without saving your recorded performance to “Favorites,” the recorded content will be lost.

If you want to keep your recorded performance, you must save it to “Favorites.”

You can also save performance data to USB memory (p. 52).

NOTE

Please use USB memory sold by Roland.
Operation cannot be guaranteed if other USB memory is used (p. 15).

Recording Your Performance

1. **Select the tone that you want to play (p. 22).**
2. **Make metronome settings as desired (p. 28).**
3. **Press the [Rec] button.**
   The [Play/Stop] button will blink.

Start recording

4. **Press the [Play/Stop] button or play the keyboard to start recording.**
   If you started recording by pressing the [Play/Stop] button, recording will begin after a two-measure count is sounded.

   If you started recording by playing the keyboard, no sound will be sounded.

   During recording, the indication “Recording...” will blink.

Stop recording

5. **Press the [Play/Stop] button.**
   Recording will stop.

   The following screen will appear.

Playing Back a Recorded Performance

1

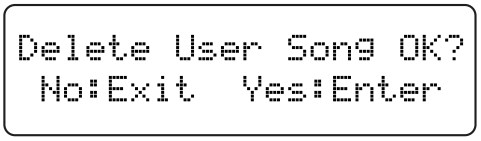
Press the [Play/Stop] button.

The recorded performance will play back.

To stop playback, press the [Play/Stop] button once again.

If the following indication appears

If you attempt to select another song when a recorded performance already exists, the following screen will appear.



If it is OK to delete the performance, press the [Enter] button.

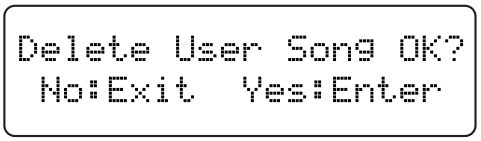
If you don't want to delete the performance, press the [Exit] button, and proceed as described in "Saving a Recorded Performance" (p. 52).

Deleting a Recorded Performance

1

Hold down the [Song] button and press the [Rec] button.

A confirmation message will appear in the screen.



2

Press the [Enter] button.

The recorded performance will be deleted.

If you decide not to delete the performance, press the [Exit] button.

Saving a Recorded Performance

Here's how to save your recorded performance to the internal memory "Favorites" area or to USB memory.

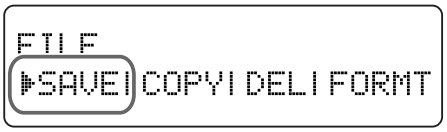
If you turn off the power without saving your performance to "Favorites" or USB memory, the recorded performance will be lost. If you want to keep the performance you recorded, you must save it to "Favorites" or USB memory.

1 **Press the [Piano Designer] button so the indicator is lit.**

2 **Use the [▲] [▼] buttons to select "5. File Menu."**

3 **Press the [Enter] button.**

4 **Use the [▲] [▼] buttons to select "SAVE."**



5 **Press the [Enter] button.**

6 **Use the [▲] [▼] buttons to select "SAVE Dest," and use the [+] [–] buttons to select the save destination for the performance data.**

Parameter	Description
Favorites	Save the performance data in "Favorites."
Ext Memory	Save the performance data in USB memory.

7 **Use the [▲] [▼] buttons to select the lower line of the screen, and use the [+] [–] buttons to select the save-destination number at which the performance data is to be saved.**

8 **Press the [Enter] button.**

The performance data will be saved.

9 **Press the [Piano Designer] button several times to make the indicator go dark.**

NOTE

If you're using new USB memory, you must first format it on the RG-1F/RG-3F. For details, refer to "Formatting User Memory or USB Memory" (p. 61).

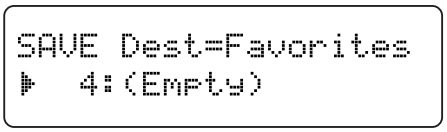
NOTE

Please use USB memory sold by Roland.
Operation cannot be guaranteed if you use other USB memory.

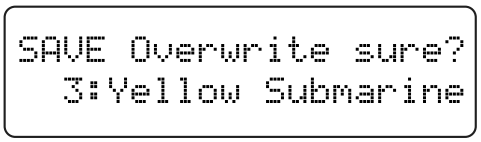
NOTE

If you're saving to USB memory, don't remove the USB memory until saving is finished.

Numbers in which no song is saved are shown as “4: (Empty)” in the screen.



If you attempt to select and save to a number in which a song has already been saved, the following screen will appear.



If you want to delete the previously saved song and replace it with the current song, press the [Enter] button.

If you don’t want to delete the previously saved song, press the [Exit] button to cancel the Save operation.

MEMO

Performance data that was previously saved to “Favorites” can be copied to USB memory, and performance data that was saved to USB memory can be copied to the internal “Favorites” area (p. 59).

MEMO

If you want to delete performance data from “Favorites” or USB memory, refer to p. 60.

Making Various Settings

The RG-1F/RG-3F provides a variety of settings that provide even more enjoyment for your playing.

You can make the following settings.

Setting	Page
Panel settings	
Preventing the current settings from changing (Panel Lock)	p. 55
Preventing a song from playing (Playback Lock)	p. 55
1. Piano Designer	p. 32
2. Tuning	p. 56
Setting the pitch to match another instrument (Master Tuning)	p. 56
Changing the tuning	p. 56
Changing the tuning curve (Stretch Tuning)	p. 57
3. Equalizer	p. 58
4. Metronome	
Playing with the metronome	p. 28
Changing the metronome's tempo	p. 28
Changing the metronome's time signature	p. 29
Changing the metronome's volume	p. 29
5. File Menu	
Saving a recorded performance	p. 52
Copying a song	p. 59
Deleting a song from "Favorites" or USB memory	p. 60
Formatting user memory or USB memory	p. 61
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Using a specific part's sound as a guide (Mute Volume)	p. 62
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Changing the part assigned to each track for SMF playback (Track Assign)	p. 63
Turning recommended tones on/off for a VIMA CD-ROM	p. 63
Decreasing the playback volume of sounds in the center (Center Cancel)	p. 49
Specifying the type of CD to play (CD/Audio Type)	p. 64
Matching the timing of the piano and the automatic accompaniment	p. 64

Setting	Page
8. MIDI	
Preventing doubled notes when a sequencer is connected (Local Control)	p. 65
Setting the MIDI transmit channel	p. 66
Sending recorded performance data to a MIDI device (Composer MIDI Out)	p. 66
Using the V-LINK Function	p. 67
Sending tone selection messages (Program Change/Bank Select MSB/Bank Select LSB)	p. 68
9. Function (other settings)	
Playing different tones with the right and left hands (Split performance)	p. 25
Changing the keyboard split point	p. 26
Adjusting the volume balance for Dual performance (Dual Balance)	p. 68
Changing the pitch of the keyboard (Transpose)	p. 27
Selecting what will be transposed (Transpose Mode)	p. 69
Changing the pedal effect (Damper Pedal Part)	p. 69
Assigning a function to the pedals	p. 70
Changing the pitch of the tone in octave steps (Octave Shift)	p. 71
Switching the USB memory communication settings (External Memory Mode)	p. 71
Making the settings for the USB Driver	p. 72
Preserving settings when the power is turned off (Memory Backup)	p. 72
Restoring the factory settings (Factory Reset)	p. 73

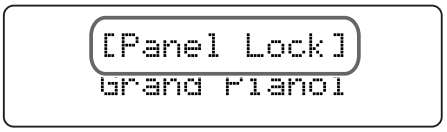
Preventing the Current Settings from Changing (Panel Lock)

The "Panel Lock" setting will disable all buttons. This lets you prevent the settings from being changed when a button is pressed accidentally.

Setting

1. **Make the desired tone settings and other settings.**
2. **Hold down the [Piano Designer] button and press the [Song] button.**

   Panel Lock will be activated, and the following screen will appear.



* If you perform this operation while a song is playing or being recorded, playback or recording will stop.

While Panel Lock is active, you'll be able to play the keyboard, use the [Volume] knob to adjust the volume, and use the [Brilliance] knob to adjust the brightness.

Cancelling

1. **To cancel Panel Lock, once again, hold down the [Piano Designer] button and press the [Song] button.**

Preventing a Song from Playing (Playback Lock)

The "Playback Lock" setting prevents the song from playing if the [Play/Stop] button is pressed.

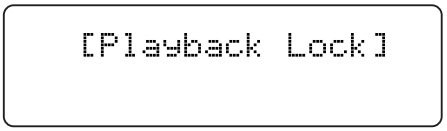
This lets you prevent an unwanted song from playing when the button is pressed accidentally while you're playing the keyboard.

Setting

1. **Hold down the [Piano Designer] button and press the [Play/Stop] button.**

   Playback Lock will be activated.

   If you press [Play/Stop] button in this state, the following screen will appear.



* If you perform this operation while a song is playing or being recorded, playback or recording will stop.

Cancelling

1. **To cancel Playback Lock, once again, hold down the [Piano Designer] button and press the [Play/Stop] button.**

Tuning Settings

Setting the Pitch to Match Another Instrument (Master Tuning)

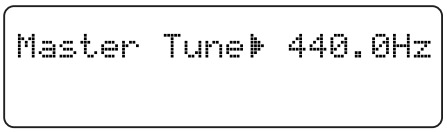
When playing together with another instrument in an ensemble, you can adjust the RG-1F/RG-3F's reference pitch to match the other instrument.

The reference pitch is usually expressed as the pitch of the middle A note.

"Tuning" means to match the reference pitch with another instrument.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "2. Tuning."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Master Tune."**



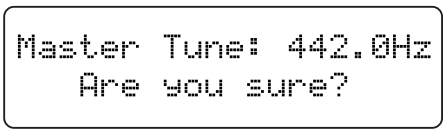
5. **Press the [+] or [–] button to change the reference pitch.**

Value	415.3–440.0–466.2 (Hz)

* This is set to "440.0" at the time of purchase.

6. **If you want to store the setting in internal memory, press the [Enter] button.**

   A confirmation message will appear in the screen.



7. **Press the [Enter] button once again.**

   The master tuning setting will be stored in the RG-1F/RG-3F.

8. **Press the [Piano Designer] button several times to make the indicator go dark.**

Changing the Tuning (Temperament)

You can play classical styles such as Baroque using historic temperaments (tuning methods).

Most modern songs are composed for and played in equal temperament, the most common tuning in use today. But at one time, there were a wide variety of other tuning systems in existence.

By playing in the temperament that was in use when a composition was created, you can experience the sonorities of chords originally intended for that song.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "2. Tuning."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Temperament."**

5. **Press the [+] or [–] button to select the temperament.**

   You can choose from the following eight temperaments.

Value	Qualities
Equal	In this tuning, each octave is divided into twelve equal steps. Every interval produces about the same amount of slight dissonance.
Just Maj (Just Major)	This tuning eliminates ambiguities in the fifths and thirds. It is unsuited to playing melodies and cannot be transposed, but is capable of beautiful sonorities.
Just Min (Just Minor)	The Just tunings differ from major and minor keys. You can get the same effect with the minor scale as with the major scale.
Arabic	This tuning is suitable for the music of Arabia.
Kirnbrgr (Kirnberger)	This is an improvement of the Meantone and Just tunings that provides a high degree of freedom of modulation. Performances are possible in all keys (III).
Meantone	This scale makes some compromises in just intonation, enabling transposition to other keys.

Value	Qualities
Pythagor (Pythagorean)	This tuning, devised by the philosopher Pythagoras, eliminates dissonance in fourths and fifths. Dissonance is produced by third-interval chords, but melodies are euphonious.
Werckmst (Werckmeister)	This temperament combines the Meantone and Pythagorean tunings. Performances are possible in all keys (first technique, III).

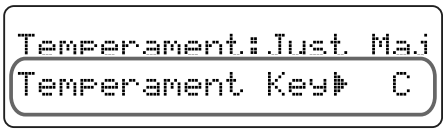
Setting the Tonic

When playing with tuning other than equal temperament, you need to specify the tonic note for tuning the song to be performed (that is, the note that corresponds to C for a major key or to A for a minor key).

If you choose an equal temperament, there's no need to select a tonic note.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

6. Use the [▲] [▼] buttons to select "Temperament Key."



7. Press the [+] or [–] button to select the tonic.

Value	C, C#, D, Eb, E, F, F#, G, Ab, A, Bb, B

NOTE When performing in ensemble with other instruments, be aware that depending on the key, there may be some shifting of the pitch.
Tune the RG-1F/RG-3F to the fundamental pitch of the other instruments.

8. Press the [Piano Designer] button several times to make the indicator go dark.

Changing the Tuning Curve (Stretch Tuning)

A piano is generally tuned so that its lower notes are slightly flatter than equal temperament and its higher notes are slightly sharper. This method of tuning is distinctive of a piano, and is called "stretch tuning."

The difference between the equal tempered pitches and the actual pitches is called the "tuning curve"; changing the tuning curve will have subtle effects on the way in which chords resonate.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

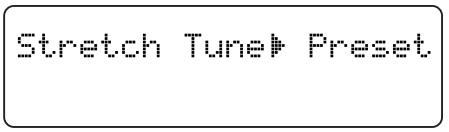
NOTE This setting applies only to piano sounds.
It cannot be made for other sounds.

1. Press the [Piano Designer] button so the indicator is lit.

2. Use the [▲] [▼] buttons to select "2. Tuning."

3. Press the [Enter] button.

4. Use the [▲] [▼] buttons to select "Stretch Tune."



5. Press the [+] button or [–] button to change the Stretch Tuning setting.

Value	Description
Off	Stretch tuning will not be used.
Preset	The distinctive method of piano tuning (stretch tuning) will be used, with high notes slightly sharper and low notes slightly flatter. If you choose "Preset," the standard tuning curve preset for the RG-1F/RG-3F will be used.
User	This allows you to specify your own stretch tuning settings. Proceed to step 6.

6. If you selected "User," press the [Enter] button.

7. Play the note whose setting you want to adjust, and use the [+] [–] buttons to adjust its tuning.

The value range will differ depending on the key.

8. Press the [Piano Designer] button to make the indicator go dark.

Equalizer Settings

Adjusting the Sound to Achieve the Preferred Tone Quality (Equalizer)

The RG-1F/RG-3F features a built-in, four-band digital equalizer.

You can also save up to four sets of equalization settings, each one containing the settings you've chosen for achieving a desired tonal quality.

An equalizer boosts or cuts specific sound pitches (frequency ranges) to adjust the sound balance.

For example, you can boost the highs to get a crisper sound, or boost the low end for a more powerful sound.

You can also adjust the sound to compensate for the acoustical characteristics of the performance space.

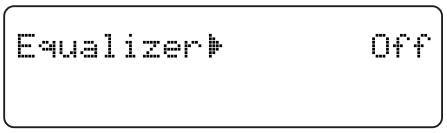
If raising the values for separate frequencies causes the sound to distort, you can use the "Master Gain" to control such distortion.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**

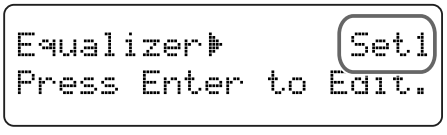
2. **Use the [▲] [▼] buttons to select "3. Equalizer."**

3. **Press the [Enter] button.**



4. **Press the [+] button or [–] button to select the equalizer set number.**

   If you select a setting other than "Off," the [Enter] button indicator will blink.



Value	Off, Set1–Set4

5. **Press the [Enter] button.**

   The setting screen for the equalizer appears.

6. **Use the [▲] [▼] buttons to select the item you want to set.**

7. **Press the [+] or [–] button to change the value.**

Parameter	Value	Description
Low Gain	-12 – +12dB	Adjusts the level of the low frequency range.
Low Freq	100 – 1.0k (Hz)	Frequency point in the low frequency range. Generally, this changes the level at and below this frequency.
Lo Mid Gain	-12 – +12dB	Adjusts the level of the low frequency range to midrange.
Lo Mid Freq	16 – 16.0k (Hz)	Frequency point in the low frequency range to midrange. This changes the level of the specified bandwidth centered on this frequency.
Lo Mid Q	0.5, 1.0, 2.0, 4.0, 8.0	Changes the bandwidth of the low frequency range to midrange. The bandwidth affected by the controls narrows as the value increases.
Hi Mid Gain	-12 – +12dB	Adjusts the level of the mid- to high-frequency range.
Hi Mid Freq	16 – 16.0k (Hz)	Frequency point in the mid- to high-frequency range. This changes the level of the specified bandwidth centered on this frequency.
Hi Mid Q	0.5, 1.0, 2.0, 4.0, 8.0	Changes the bandwidth of the mid- to high-frequency range. The bandwidth affected by the controls narrows as the value increases.
High Gain	-12 – +12dB	Adjusts the level of the high frequency range.
High Freq	1.25k – 16.0k (Hz)	Frequency point in the high frequency range. Generally, this changes the level at and over this frequency.
Master Gain	-12 – +12dB	You can temper the distortion in the sound by lowering the level. Raising the level too much may cause the sound to become distorted.

8. **Press the [Piano Designer] button several times to make the indicator go dark.**

File Menu

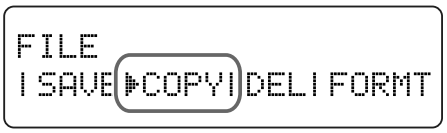
Copying a Song

A performance saved in "Favorites" can be copied to USB memory, or a song saved in USB memory or on a CD-ROM can be copied to the RG-1F/RG-3F's "Favorites" area.

If you copy frequently used songs to "Favorites," you'll be able to easily select and play them when desired.

NOTE You can't copy a music CD song or an audio file to "Favorites."

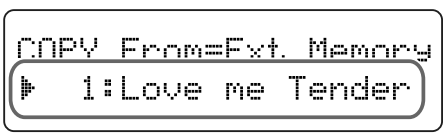
1. **If you're copying a song from CD-ROM or USB memory, prepare that CD-ROM or USB memory.**
   - Connect USB memory to the external memory connector.
   - Insert the CD-ROM in the CD drive.
2. **Press the [Piano Designer] button so the indicator is lit.**
3. **Use the [▲] [▼] buttons to select "5. File Menu."**
4. **Press the [Enter] button.**
5. **Use the [▲] [▼] buttons to select "COPY."**



6. **Press the [Enter] button.**
7. **Use the [+] [–] buttons to select the copy source.**

Value	Description
PresetSong	Copy a song from internal memory to "Favorites."
Favorites	Copy a song from "Favorites" to USB memory.
CD	Copy a song from CD-ROM to "Favorites."
Ext Memory	Copy a song from USB memory to "Favorites."

8. **Press the [▼] button to select the lower line of the screen, and use the [+] [–] buttons to select the number of the song that you want to copy.**



9. **Press the [Enter] button.**
10. **Use the [+] [–] buttons to specify the copy-destination song number.**

11. **Press the [Enter] button.**

    A confirmation message will appear in the screen.

12. **Press the [Enter] button once again.**

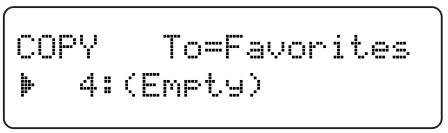
    The song will be copied.

    To return to the previous screen without copying the song, press the [Exit] button.

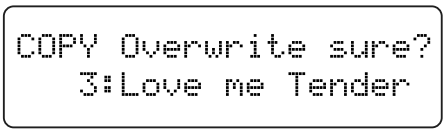
NOTE If you're copying a song using USB memory, don't disconnect the USB memory until the copying is completed.

13. **Press the [Piano Designer] button several times to make the indicator go dark.**

Numbers in which a song has not been saved are shown as "4: (Empty)" in the screen.



If you attempt to select and copy to a number that already contains a song, the following screen will appear.



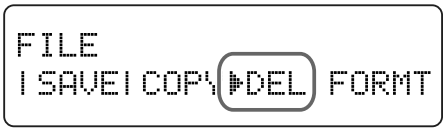
If you want to delete the previously saved song and replace it with the copied song, press the [Enter] button.

If you don't want to delete the previously saved song, press the [Exit] button to cancel the copy operation.

Deleting a Song from "Favorites" or USB Memory

Here's how to delete a song that was saved to "Favorites" or USB memory.

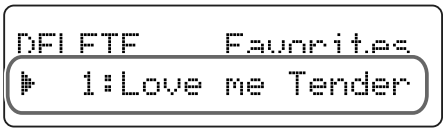
1. **If you want to delete a song from USB memory, connect that USB memory to the external memory connector.**
2. **Press the [Piano Designer] button so the indicator is lit.**
3. **Use the [▲] [▼] buttons to select "5. File Menu."**
4. **Press the [Enter] button.**
5. **Use the [▲] [▼] buttons to select "DEL."**



6. **Press the [Enter] button.**
7. **Use the [+] [–] buttons to select the location that contains the song you want to delete.**

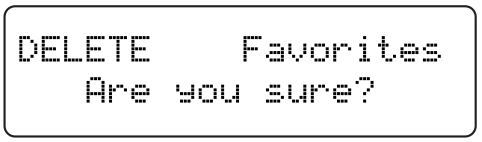
Value	Description
Favorites	Delete a song from "Favorites."
Ext Memory	Delete a song from USB memory.

8. **Press the [▼] button to select the lower line of the screen, and use the [+] [–] buttons to select the number of the song that you want to delete.**



9. **Press the [Enter] button.**

   A confirmation message will appear in the screen.



10. **Press the [Enter] button once again.**

    The selected song will be deleted.

    If you press the [Exit] button instead, you'll return to the previous screen without deleting the song.

NOTE If you're deleting a song from USB memory, don't disconnect the USB memory until deletion is completed.

11. **Press the [Piano Designer] button several times to make the indicator go dark.**

Formatting User Memory or USB Memory

Here's how you can erase the entire contents of user memory or USB memory, returning it to the factory-set (initialized) state.

The RG-1F/RG-3F provides an area of internal memory in which you can store data such as recorded performances. This area is called "user memory."

User memory stores the contents that you store in "Favorites" and the user programs that you store.

* Executing this procedure will not initialize any settings other than the contents of user memory. If you want to return settings other than user memory to their factory-set state, you must execute the Factory Reset operation (p. 73).

1. **If you want to format USB memory, connect your USB memory to the external memory connector.**
2. **Press the [Piano Designer] button so the indicator is lit.**
3. **Use the [▲] [▼] buttons to select "5. File Menu."**
4. **Press the [Enter] button.**
5. **Use the [▲] [▼] buttons to select "FORMT."**

6. **Press the [Enter] button.**
7. **Use the [+] [–] buttons to select the memory that you want to format.**

Value	Description
User Memory	Contents of user memory
Ext Memory	Contents of USB memory connected to the external memory connector

8. **Press the [Enter] button.**

   A confirmation message will appear in the screen.

9. **Press the [Enter] button once again.**

   The contents of user memory or USB memory will be erased.

   If you press the [Exit] button instead, you'll return to the previous screen without erasing the contents of user memory or USB memory.

NOTE Never turn off the power while the "Executing..." indication is shown in the screen.

10. **Press the [Piano Designer] button several times to make the indicator go dark.**

Performance Settings

Using a Specific Part's Sound as a Guide (Mute Volume)

You can specify that changing the Track Mute setting (p. 45) to "Mute" will reduce the volume rather than mute the sound completely.

This setting lets you lower the volume of a part and use it as a guide for your own playing.

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "7. Composer."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Mute Volume."**

5. **Press the [+] or [–] button to change the value.**

Value	Description
0–10	Higher values make the sound louder.

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

NOTE When you turn off the power, the track mute volume will return to "0."

Changing the Song Playback Method (Play Mode)

When playing back songs on the RG-1F/RG-3F, you can specify whether songs will play individually or all songs will play consecutively.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "7. Composer."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Play Mode."**

5. **Use the [+] [–] buttons to specify the song play mode.**

Value	Description
All Song	All songs in the category will play consecutively, starting with the selected song. When the last song in the selected category has finished playing, playback will automatically continue from the first song in that category.
One Song	Only the selected song will play. When the song finishes playing, playback will stop.

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

Changing the Part Assigned to Each Track for SMF Playback (Track Assign)

Normally, when you play back SMF music file (p. 88) that is compatible with Roland digital pianos, the left-hand part will be assigned to the Left track and the right-hand part will be assigned to the Right track.

However, some SMF music file uses different track assignments for the right-hand and left-hand parts.

If this setting is "Auto," and the right-hand part and left-hand part are not assigned appropriately, you can change this setting.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "7. Composer."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Track Assign."**

5. **Use the [+] [–] buttons to change the track assignment settings.**

Value	Description
Auto	Parts will automatically be assigned to the tracks according to the song data.
2/1	Part 1 will be assigned to the Right track, part 2 will be assigned to the Left track, and other parts will be assigned to the Accomp (accompaniment) track.
3/4	Part 4 will be assigned to the Right track, part 3 to the Left track, and other parts will be assigned to the Accomp (accompaniment) track.

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

NOTE This setting will be applied when you select a song after changing the setting.

Turning Recommended Tones On/Off for a VIMA CD-ROM

Each song in a VIMA CD-ROM (VIMA TUNES) specifies "recommended tones" that are appropriate for that song.

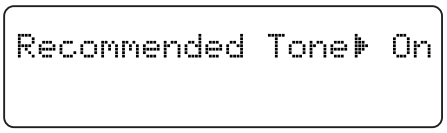
When you select a song, the recommended sound will be assigned to the RG-1F/RG-3F's tone buttons, and that tone button will blink.

If you press the blinking tone button, the recommended tone will be selected, letting you use a suitable sound to play along with the selected song.

The RG-1F/RG-3F lets you choose whether the recommended tone will be assigned automatically (On) or not (Off).

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "7. Composer."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Recommended Tone."**



5. **Press the [+] or [–] button to switch the recommended tone setting on or off.**

Value	Description
On	The recommended tone will automatically be assigned to the RG-1F/RG-3F's tone buttons.
Off	The recommended tone will not be automatically assigned to the RG-1F/RG-3F's tone buttons.

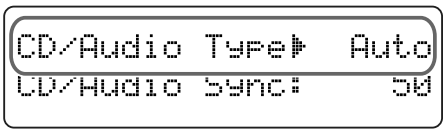
* The factory setting is "On."

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

Specifying the Type of CD to Play (CD/Audio Type)

For some CDs, the piano may be unable to determine the type of CD. In this case, you can manually specify the type of CD.

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "7. Composer."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "CD/Audio Type."**



5. **Use the [+] [–] buttons to specify the type of CD you'll be playing.**

Value	Description
Auto	The type of CD will be detected automatically.
Type A	Typical CDs for player piano contain audio data and MIDI data, and the data format will differ according to the CD. If the data format does not match the setting of the RG-1F/RG-3F, a "beep" tone will sound. Some player piano CDs cannot be played.
Type B	
Stereo	Commercially available music CDs (not player piano CDs)

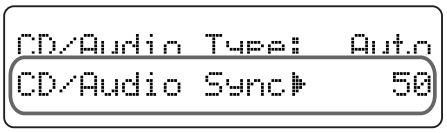
6. **Press the [Piano Designer] button several times to make the indicator go dark.**

NOTE Please note that some commercially available player piano CDs cannot be played.

Matching the Timing of the Piano and the Automatic Accompaniment

On some player piano CDs, the sound of the piano might not match the timing of the accompaniment. If so, here's how to synchronize the sound of the piano and the accompaniment.

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "7. Composer."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "CD/Audio Sync."**



5. **Use the [+] [–] buttons to adjust the timing of the piano.**

Value	Description
0–100	Higher settings will delay the timing at which the piano is heard.

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

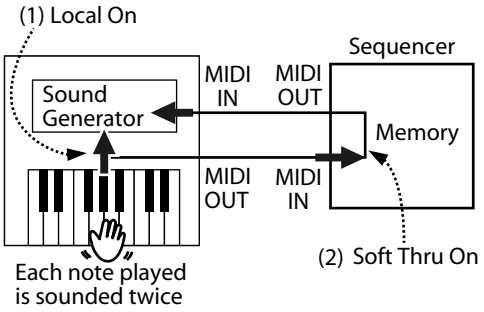
MIDI Settings

Preventing Doubled Notes When a Sequencer Is Connected (Local Control)

If a MIDI sequencer is connected, you'll need to turn the Local Control setting Off. When you turn on the power, this will be "On" (Local On).

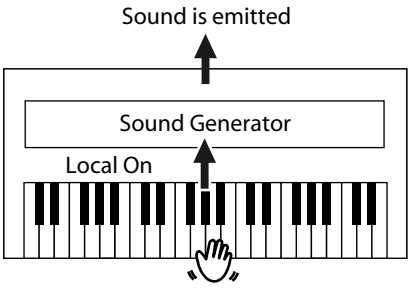
Normally, a sequencer has its "Thru" function turned on, so that data from the keyboard and data played back by the recorder will arrive at the sound generator section via two routes, (1) and (2) as shown in the illustration, causing notes to be doubled or unexpectedly interrupted.

To prevent this, we can disconnect route (1). This is the "Local Off" setting.



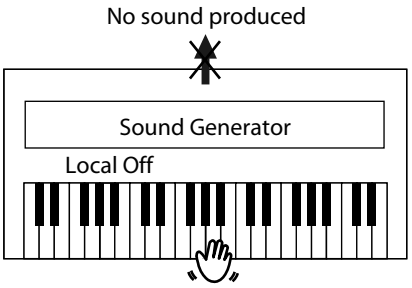
Local On:

The keyboard and recorder are connected to the internal sound generator.



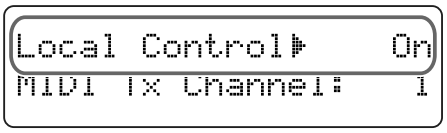
Local Off:

The keyboard and recorder are not connected to the internal sound generator. You won't hear any sound when you play the keyboard or play back a song.



MEMO If the RG-1F/RG-3F is connected to a Roland MT series device, there's no need to switch off the Local setting. MT series devices transmit a Local Off message when they're powered up. If you switch on the RG-1F/RG-3F first, then switch on the MT series device, the RG-1F/RG-3F will automatically be set to the Local Off setting.

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "8. MIDI."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Local Control."**



5. **Press the [+] or [–] button to switch Local Control on or off.**

Value	Description
On	Local Control is switched on.
Off	Local Control is switched off.

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

Setting the MIDI Transmit Channel

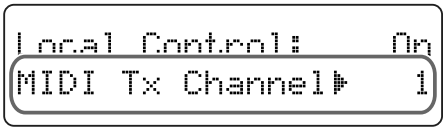
Here's how to set the MIDI channel that the RG-1F/RG-3F will use for transmission.

MIDI uses sixteen channels, numbered 1–16. When MIDI devices are connected, sounds can be played or selected if the MIDI channels of both devices match.

The RG-1F/RG-3F will receive all channels 1–16.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "8. MIDI."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "MIDI Tx Channel."**



5. **Press the [+] or [–] button to set the MIDI Transmit channel.**

Value	Off, 1–16

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

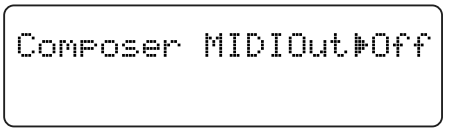
MEMO For details on connecting MIDI devices, refer to "Connecting to MIDI Devices" (p. 77).

Sending Recorded Performance Data to a MIDI Device (Composer MIDI Out)

If the "Composer MIDI Out" setting is "On," performance data recorded on the RG-1F/RG-3F can be transmitted to a connected MIDI device or computer.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "8. MIDI."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Composer MIDI Out."**



5. **Press the [+] or [–] button to switch the Composer MIDI Out setting on or off.**

Value	Description
On	The performance data recorded with the RG-1F/RG-3F can be sent to the connected MIDI device or computer.
Off	The performance data recorded with the RG-1F/RG-3F cannot be sent to the connected MIDI device or computer.

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

Using the V-LINK Function

Connecting the RG-1F/RG-3F to a V-LINK compatible image device allows you to control the images with the RG-1F/RG-3F.

V-LINK

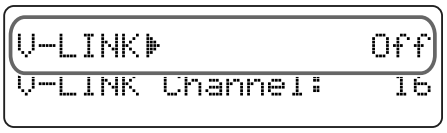
V-LINK (V-LINK) is a function that allows music and images to be performed together. By using MIDI to connect two or more V-LINK compatible devices, you can easily enjoy performing a wide range of visual effects that are linked to the expressive elements of a music performance.

1. Press the [Piano Designer] button so the indicator is lit.

2. Use the [▲] [▼] buttons to select "8. MIDI."

3. Press the [Enter] button.

4. Use the [▲] [▼] buttons to select "V-LINK."



5. Press the [+] or [–] button to switch the V-LINK function on or off.

Value	Description
On	The V-LINK function is switched on. You can control images using the twelve keys at the left end of the keyboard.
Off	The V-LINK function is switched off.

* This is set to "Off" when you turn on the power.

NOTE While V-LINK is switched on, no sound is produced when you press any of the twelve keys at the left end of the keyboard.

6. Press the [▼] button to select "V-LINK Channel."

7. Use the [+] [–] buttons to specify the V-LINK transmit channel.

Value	1–16

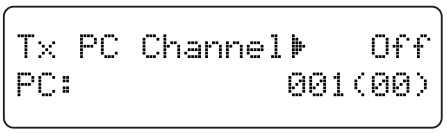
8. Press the [Piano Designer] button several times to make the indicator go dark.

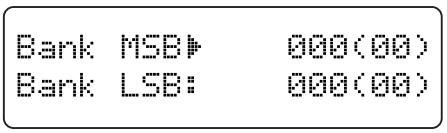
MEMO If V-LINK is on, the V-LINK icon ( ) is shown in the screen.

Sending Tone Selection Messages (Program Change/Bank Select MSB/Bank Select LSB)

Here's how Program Change (PC), Bank Select MSB, and Bank Select LSB messages can be transmitted to a MIDI device. You can also specify the transmit channel (Tx PC Channel).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "8. MIDI."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select the item you want to set, and use the [+] [–] buttons to change the value.**





Parameter	Value	Description
Tx PC Channel	Off, 1–16	Specifies the transmit channel for program changes.
PC	001 (00)–128 (7F)	Specifies the program change.
Bank MSB, Bank LSB	000 (00)–127 (7F)	Specifies the Bank Select MSB/LSB.

5. **Press the [Piano Designer] button several times to make the indicator go dark.**

Other Settings

Adjusting the Volume Balance for Dual Performance (Dual Balance)

Here's how to change the volume balance between the two tones (tone 1 and tone 2) when using Dual performance.

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "9. Function."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Dual Balance."**

5. **Press the [+] or [–] button to change the value.**

Value	1:9 (tone 2 is louder)– 5:5 (same volume)– 9:1 (tone 1 is louder)

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

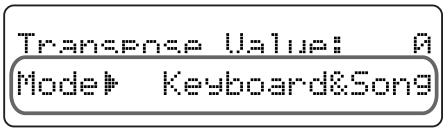
Selecting What Will Be Transposed (Transpose Mode)

You can specify what will be transposed when you use the Transpose function (p. 27) or the Playback Transpose function (p. 47).

You can transpose both the song and the keyboard, transpose just the song, or transpose just the keyboard.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "9. Function."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Mode."**



5. **Press the [+] or [–] button to set the transpose mode.**

Value	Description
Keyboard	Keyboard notes
Song	Song playback
Keyboard&Song	Keyboard notes and song playback

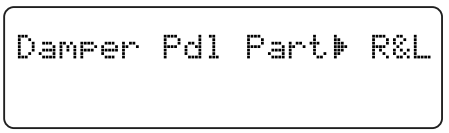
6. **Press the [Piano Designer] button several times to make the indicator go dark.**

Changing the Pedal Effect (Damper Pedal Part)

When you press the right pedal while using Dual performance or Split performance, the pedal effect will normally apply to both tones; but if desired, you can choose to apply it to only one tone.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "9. Function."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Damper Pdl Part."**



5. **Use the [+] [–] buttons to specify the part(s) affected by the right pedal.**

Value	Description
R&L	Applies to both tones
R	Applies only to tone 1 (for Dual performance) / right-hand tone (for Split performance)
L	Applies only to tone 2 (for Dual performance) / left-hand tone (for Split performance)

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

Assigning a Function to the Pedals

You can assign functions to the left pedal and center pedal so that the assigned function will be activated when you press the corresponding pedal.

MEMO You can save this setting in the RG-1F/RG-3F's memory using the Memory Backup function (p. 72).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "9. Function."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select the pedal whose settings you want to make.**

Parameter	Description
Pedal Cent	Assign a function to the center pedal.
Pedal Left	Assign a function to the left pedal.

5. **Use the [+] [–] buttons to select the function that will be assigned to the pedal.**

Value	Description
Sostenuto	The pedal will operate as a sostenuto pedal (p. 20).
Soft	The pedal will operate as a soft pedal (p. 20).
Play/Stop	The pedal will start or stop playback.
Pedal EX	When using Dual performance (p. 23), playing without holding down the pedal will sound only the tone of the tone button at the left. When you play while holding down the pedal, the other tone will be layered onto that tone. The volume of the added sound will depend on how deeply you press the pedal. * A pedal assigned to the "Pedal EX" function will not do anything if you're not using Dual performance.
Octave	When you play the keyboard while holding down the pedal, notes one octave above the keys you play will be added to the notes you play. The volume of the added upper octave will depend on how deeply you press the pedal.

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

Changing the Pitch of the Tone in Octave Steps (Octave Shift)

You can change the pitch of the Tone 2 in Dual Performance (p. 23) and Left-hand Tone in Split Performance (p. 25) an octave at a time.

Altering the pitch in one-octave units in this way is called "Octave Shift."

For example, you can raise the pitch of the Left-hand Tone to the same pitch of the Right-hand Tone in Split Performance.

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "9. Function."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Octave Shift."**

5. **Press the [+] or [–] button to change the value.**

Value	-2 – 0 – +2

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

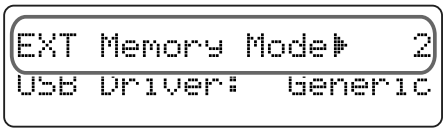
Switching the USB Memory Communication Settings (External Memory Mode)

In some cases when you connect USB memory to the external memory connector, it may take some time for data to be read, or data might not be read correctly.

If so, you may be able to solve the problem by changing the USB memory communication setting.

* Normally, there's no need to change this setting.

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "9. Function."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "EXT Memory Mode."**



5. **Press the [+] or [–] button to change the value.**

Value	1, 2

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

MEMO

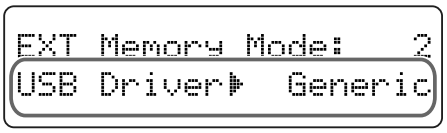
- You must turn the power off, then on again in order to apply the changed setting.
- This setting is remembered even when the power is turned off.

Making the Settings for the USB Driver

Normally, you don't need to install a driver in order to connect the RG-1F/RG-3F to your computer. However, if some problem occurs, or if the performance is poor, using the Roland original driver may solve the problem.

Specify the USB driver you want to use, and then install the driver.

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "9. Function."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "USB Driver."**



5. **Press the [+] or [–] button to select the USB driver.**

Value	Description
Generic	Choose this if you want to use the standard USB driver that was included with your computer. Normally, you should use this mode.
Original	Choose this if you want to use a USB driver downloaded from the Roland website.

6. **Press the [Piano Designer] button several times to make the indicator go dark.**

MEMO

- If you change this setting, turn on the power once again.
- This setting is remembered even when the power is turned off.
- For details on downloading and installing the Roland original driver, refer to the Roland website.
  Roland website:
  http://www.roland.com/
- For details on connecting your computer via the USB connector, refer to "Connecting a Computer" (p. 78).

Preserving Settings When the Power Is Turned Off (Memory Backup)

Normally, when you turn off the power, the various settings you've made will return to their default state. However, you can store your settings so that they will be retained even after the power has been turned off, then on again.

This is called the "Memory Backup" function.

MEMO

For details on the settings that are stored by the Memory Backup function, refer to "Parameters Stored in Memory Backup" (p. 86).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "9. Function."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Memory Backup."**

5. **Press the [Enter] button.**

   A confirmation message will appear in the screen.

   If you press the [Exit] button instead, you will return to the previous screen without storing the settings.

6. **Press the [Enter] button once again.**

   The memory backup will be executed.

NOTE

Never turn off the power while the indication "Executing..." is shown in the screen.

When the memory backup has been completed, you will return to the previous screen.

7. **Press the [Piano Designer] button several times to make the indicator go dark.**

Restoring the Factory Settings (Factory Reset)

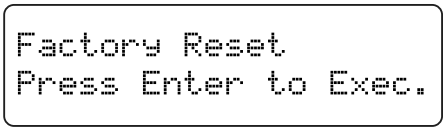
Here's how settings you've stored using the Memory Backup function (p. 72) can be returned to their factory-set state.

This is called the "Factory Reset" function.

NOTE When you execute the "Factory Reset" function, all stored settings will be erased and returned to their factory-set state.

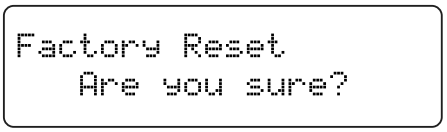
MEMO If you want to return the contents of user memory to the factory-set state, refer to "Formatting User Memory or USB Memory" (p. 61).

1. **Press the [Piano Designer] button so the indicator is lit.**
2. **Use the [▲] [▼] buttons to select "9. Function."**
3. **Press the [Enter] button.**
4. **Use the [▲] [▼] buttons to select "Factory Reset."**



5. **Press the [Enter] button.**

   A confirmation message will appear in the screen.



   If you press the [Exit] button instead, you will return to the previous screen without executing the factory reset.

6. **Press the [Enter] button once again.**

   The factory reset will be executed.

   When the factory reset is finished and the following screen appears, turn the power off, then on again.

NOTE Never turn off the power before this screen appears.

Installing the CD Drive

By connecting a CD drive, you can play back music CDs or CD-ROM discs on which SMF music data is saved.

MEMO You can also play songs on VIMA CD-ROMs (VIMA TUNES) (p. 88) sold by Roland.

NOTE Use a CD drive sold by Roland. We cannot guarantee operation if any other CD drive is used.

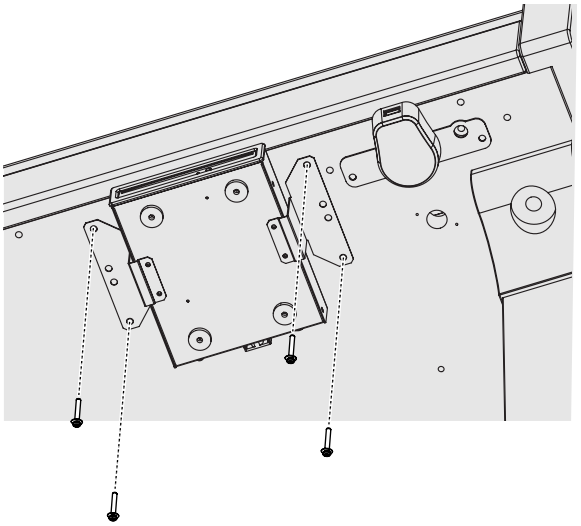
Precautions Concerning Use of the CD

- CDs that contain both music tracks and data will not play correctly.
- The RG-1F/RG-3F is capable of playing back only commercial CDs that conform the official standards-those that carry the "COMPACT disc DIGITAL AUDIO" logo.
- The usability and sound quality of audio discs that incorporate copyright protection technology and other non-standard CDs cannot be guaranteed.
- You cannot save songs to CDs, and you cannot delete songs recorded to CDs. Furthermore, you cannot format CDs.

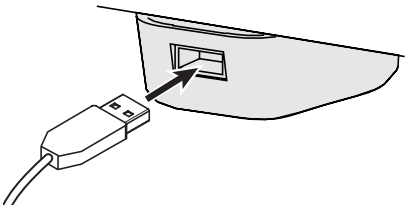
1. Switch off the power on the RG-1F/RG-3F and your CD drive.

2. As shown in the illustration, use the holes in the bottom of the piano to attach the CD drive.

* For details, refer to the owner's manual for your CD drive (sold separately).



3. Connect the USB cable included with the CD drive to the RG-1F/RG-3F's external memory connector.



NOTE When connecting the USB cable, make sure that it is oriented correctly, and push it firmly all the way into the connector. Do not use excessive force.

4. Switch on power to the connected CD drive.

5. Switch on the RG-1F/RG-3F's power.

NOTE For information on turning on/off your CD drive and how to insert or remove a CD, refer to the owner's manual that came with your CD drive.

Connecting to Audio Equipment

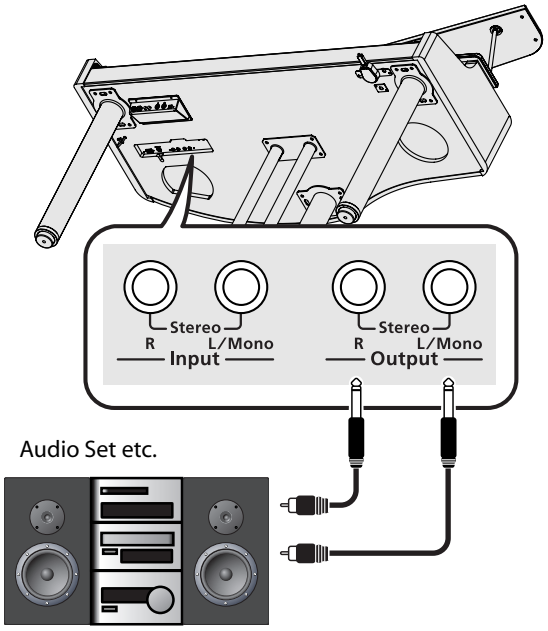
If you connect the RG-1F/RG-3F to powered speakers or to an audio system that has line input jacks, you'll be able to hear the RG-1F/RG-3F's sound from your powered speakers or audio system. If you connect your portable audio player or other audio playback device to the RG-1F/RG-3F, you'll be able to hear its sound via the RG-1F/RG-3F.

Use audio cables (commercially available) to make connections.

NOTE When connection cables with resistors are used, the volume level of equipment connected to the inputs jacks may be low. If this happens, use connection cables that do not contain resistors.

NOTE To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.

Connecting Speakers to the RG-1F/RG-3F and Outputting Sounds



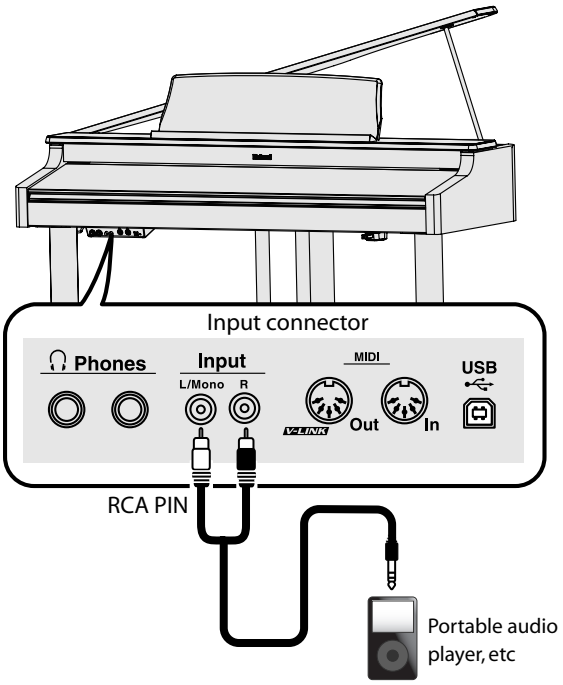
1. **Turn the volume all the way down on the RG-1F/RG-3F and on the speaker.**
2. **Turn off the power to the RG-1F/RG-3F and speakers.**
3. **Use audio cables (commercially available) to make the connection.**
4. **Switch on the RG-1F/RG-3F.**
5. **Switch on the connected speakers.**
6. **Adjust the volume level on the RG-1F/RG-3F and the connected speakers.**

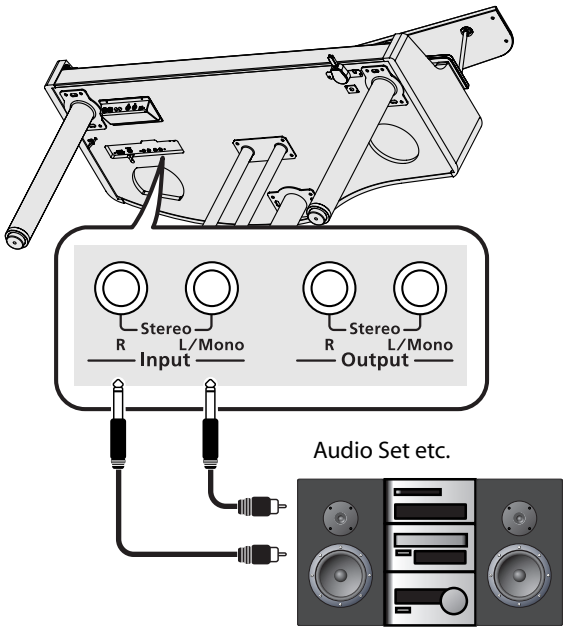
   When you play the RG-1F/RG-3F's keyboard, the sound is played from the RG-1F/RG-3F's and connected speakers.

Turning Off the Power

1. **Turn the volume all the way down on the RG-1F/RG-3F and on the connected speakers.**
2. **Turn off the connected speakers.**
3. **Turn off the RG-1F/RG-3F.**

Playing Sounds of an Audio Device through the RG-1F/RG-3F





1. **Turn the volume all the way down on the RG-1F/RG-3F and on the audio device.**
2. **Turn off the power to the RG-1F/RG-3F and audio device.**
3. **Use audio cables (commercially available) to make the connection.**
4. **Switch on the connected audio device.**
5. **Switch on the RG-1F/RG-3F.**
6. **Adjust the volume level on the RG-1F/RG-3F and the connected audio device.**

   The sounds from the connected audio device are played by the RG-1F/RG-3F.

MEMO Adjust the volume by using the controls of your audio device.

Turning Off the Power

1. **Turn the volume all the way down on the RG-1F/RG-3F and on the audio device.**
2. **Turn off the RG-1F/RG-3F.**
3. **Turn off the connected audio device.**

Connecting to MIDI Devices

By connecting an external MIDI device and exchanging performance data, you can control one device from the other.

For instance, you can output sound from the other instrument or switch tones on the other instrument.

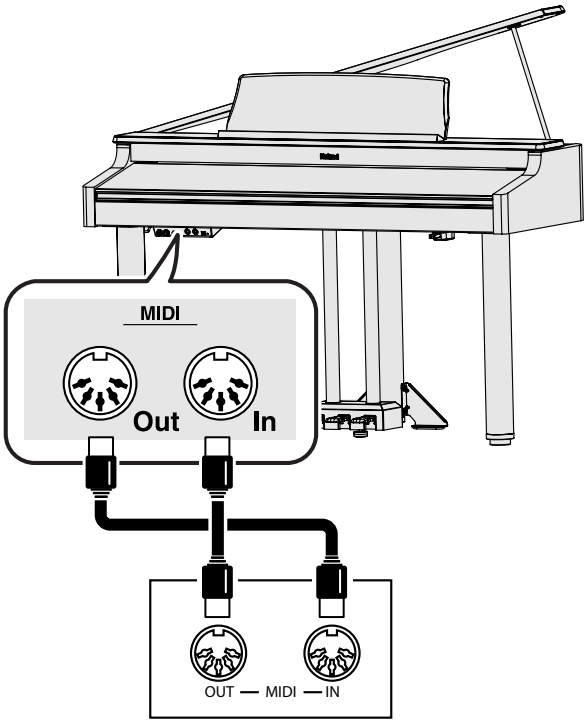
* External MIDI devices can't be used for remotely changing the tones played by the RG-1F/RG-3F's keyboard.

What's MIDI?

MIDI, short for "Musical Instrument Digital Interface," was developed as a universal standard for the exchange of performance data between electronic instruments and computers. The RG-1F/RG-3F is equipped with MIDI connectors to let it exchange performance data with external devices. These connectors can be used to connect the RG-1F/RG-3F to an external device for even greater versatility.

NOTE To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.

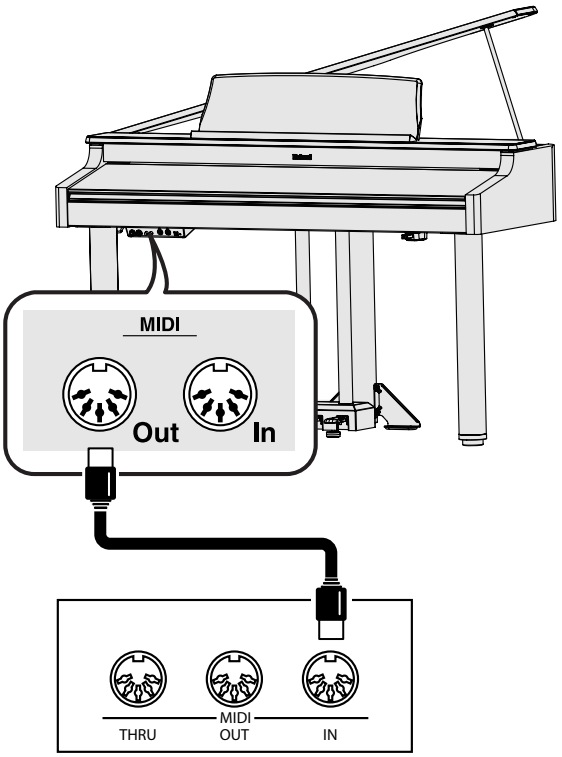
Connecting a MIDI Sequencer to the RG-1F/RG-3F



MIDI Sequencer

NOTE When the RG-1F/RG-3F is connected to a MIDI sequencer, set it to "Local Off." Refer to "Preventing Doubled Notes When a Sequencer Is Connected (Local Control)" (p. 65).

Producing Sounds from a MIDI Sound Module by Playing the RG-1F/RG-3F



MIDI Sound Module

Making the Connection

1. **Turn the volume all the way down on the RG-1F/RG-3F and on the MIDI device.**
2. **Switch off the power to the RG-1F/RG-3F and the MIDI device.**
3. **Use MIDI cables (commercially available) to connect the MIDI connectors to each other.**
4. **Switch on the power to the RG-1F/RG-3F and the connected MIDI device.**
5. **Adjust the volume level on the RG-1F/RG-3F and the connected MIDI device.**
6. **You should also set the MIDI transmit channel as needed.**

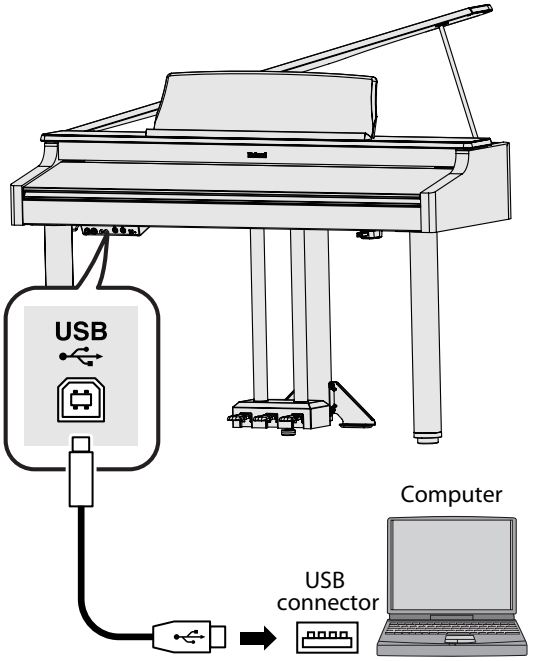
MEMO For details on the MIDI transmit channel, refer to "Setting the MIDI Transmit Channel" (p. 66).

Connecting a Computer

If you use a commercially available USB cable to connect the RG-1F/RG-3F's USB connector to a USB connector on your computer, you'll be able to do the following things.

- Use the RG-1F/RG-3F to play SMF music file that's played back by your MIDI-compatible software.
- Exchange MIDI data between the RG-1F/RG-3F and your sequencer software to allow more sophisticated music production and editing possibilities.

Connect the RG-1F/RG-3F to your computer as shown below.



* Refer to the Roland website for system requirements.
Roland website:
http://www.roland.com/

If connection to your computer is unsuccessful...

Normally, you don't need to install a driver in order to connect the RG-1F/RG-3F to your computer. However, if some problem occurs, or if the performance is poor, using the Roland original driver may solve the problem.

For details on downloading and installing the Roland original driver, refer to the Roland website.

Roland website:
http://www.roland.com/

Specify the USB driver you want to use, and then install the driver. For details, refer to "Making the Settings for the USB Driver" (p. 72)

Caution

- To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.
- Only MIDI data can be transmitted using USB.
- USB cables are not included. Consult your Roland dealer if you need to purchase.
- Turn on the power to the RG-1F/RG-3F before starting up MIDI applications on the computer. Do not turn the RG-1F/RG-3F on or off while any MIDI application is running.

Troubleshooting

Case	Cause/Remedy
Power does not turn on	Is the power cord connected correctly? (p. 19)
Pedal does not work, or is "stuck"	Is the pedal connected correctly? Make sure the pedal cord is securely connected to the pedal connector (p. 19).
	Has a different function been assigned to the pedal? See "Assigning a Function to the Pedals" (p. 70).
The volume level of the instrument connected to Input jacks is too low	Could you be using a connection cable that contains a resistor? Use a connection cable that does not contain a resistor.
"Buzz" is heard from external devices	Are the external devices connected to more than one AC power outlet? If you connect external devices, be sure to connect them to the same AC outlet.
Unable to read from/write to USB memory	Are you using (optional) Roland USB memory? Reliable performance cannot be guaranteed if you use non-Roland USB memory products.
	Try changing the communication settings for the USB memory device (p. 71).
Unable to eject the CD	Try the following procedure. If after these steps you are still unable to get the CD to eject, read the CD drive owner's manual. 1. Turn off the power to all connected devices. 2. Turn on the CD drive. 3. Turn on the RG-1F/RG-3F. 4. Wait a few moments after the power is switched on, then firmly press the eject button.
Screen flickers when powering down	These occur due to the nature of a liquid crystal display, and do not indicate a malfunction.
No sound	
No sound	Could the RG-1F/RG-3F's volume or the volume of the connected equipment be turned down? (p. 20)
	Could headphones be connected? (p. 21) Could there be a plug inserted in a headphone jack? The speakers will not produce sound if headphones or plug are connected to the headphone jacks.
	Could the levels of all frequency ranges be turned down completely in the equalizer settings? (p. 58)
	Is V-LINK switched on? While V-LINK is switched on, no sound is produced when you press any of the twelve keys at the left end of the keyboard (p. 67).
No sound (when a MIDI device is connected)	Are all devices powered on?
	Are the MIDI cables connected correctly? (p. 77)
	Does the MIDI channel match the connected instrument? (p. 66)
No sound is heard when the keyboard is fingered or a song is played back	Has Local Control been set to "Off"? When Local Control is set to Off, no sound is produced by playing the keyboard and playing back a song. Set Local Control to On (p. 65).
Not all played notes are sounded	The maximum simultaneous polyphony is 128 voices. If you are playing along with a song and making heavy use of the damper pedal, the number of notes the RG-1F/RG-3F is attempting to produce may exceed the maximum polyphony, meaning that some of the notes will drop out.
Notes don't sound right	
Sounds are heard twice (doubled) when the keyboard is played	When the RG-1F/RG-3F is connected to an external sequencer, set the Local Control to off (p. 65). Alternatively, the sequencer could be set so its Soft Thru feature is Off.
Pitch of the keyboard or song is incorrect	Could you have made Transpose settings? (p. 27, p. 48)
	Are the settings for the "Temperament" and "Stretch Tuning" correct? (p. 56, p. 57)
	Is the Master Tune setting appropriate? (p. 56)
Reverberation still audible even with Reverb turned off	The RG-1F/RG-3F's piano sound faithfully simulates the depth and resonance of an acoustic piano, and this may give the impression of reverberation even if you've defeated the Reverb effect. Also, you may be able to eliminate some reverberation by reducing the value set for "Cabinet Resonance" (p. 32).
The sound of the higher notes suddenly changes from a certain key	On an acoustic piano, the approximately one and a half octaves of notes at the top of the keyboard will continue sounding regardless of the damper pedal. These notes also have a somewhat different tonal character. RG-1F/RG-3F faithfully simulate this characteristic of acoustic pianos. On the RG-1F/RG-3F, the range that is unaffected by the damper pedal will change according to the key transpose setting.

Case	Cause/Remedy
High-pitched ringing is heard	**If you hear this in headphones:** Piano sounds that have a brilliant and crisp character contain substantial high-frequency components that may sound as though a metallic ringing has been added. This is because the character of an actual piano is being faithfully reproduced, and is not a malfunction. This ringing is more obtrusive if the reverb effect is applied heavily, so you may be able to minimize it by decreasing the reverb. **If you don't hear this in headphones:** It is likely that there is some other reason (such as resonances within the unit). Please contact your dealer or a nearby Roland service center.
Low notes sound wrong, or are buzzy	**If you don't hear this in headphones:** Performing at high volumes may cause the speakers or objects near the RG-1F/RG-3F to resonate. Fluorescent lights or glass doors may also resonate sympathetically. In particular, this is more likely to occur for lower notes and higher volumes. You can take the following measures to minimize resonances. • Locate the speakers 10–15 cm away from walls or other surfaces. • Keep the volume down. • Move away from the objects that are resonating. **If you hear this in headphones:** It is likely that there is some other reason. Please contact your dealer or a nearby Roland service center.
Song doesn't play back correctly	
Song won't play	Does the screen indicate message, like "Delete User Song OK?" (p. 51). The internal songs cannot be played back while recorded performance data remains in the RG-1F/RG-3F's memory. Erase the performance data or save it to the "Favorites" or to your USB memory before you play back the song.
	Is the "Playback Lock" setting (p. 55) activated? When the Playback Lock setting has been activated, the [Play/Stop] button no longer functions as the button for starting and stopping song playback, and cannot be used to play back the song. Cancel Playback Lock.
Pressing the [⏮] button doesn't return to the beginning of the song	Some music files may contain settings that stop play at a point partway through the song. Press the [⏮] button several times more to return to the beginning of the song.
The [⏮] and [⏭] buttons don't work	If you attempt to play back performance data that contains more data than the entire capacity of the RG-1F/RG-3F's memory, you may find that operations other than playback (such as rewind or fast forward) become unavailable.
No sound is heard when a song is played back	Has Local Control been set to "Off"? When Local Control is set to Off, no sound is produced by playing back a song. Set Local Control to On (p. 65).
	Could the playback volume for the song (p. 46) or for the audio file or music CD (p. 48) be set too low?
Can't record/Can't play back	
The recorded performance has disappeared	Any performance that has been recorded is deleted when the power to the RG-1F/RG-3F is turned off or a song is selected. A performance cannot be restored once it's been deleted. Be sure to save it on a USB memory or User Memory before you turn off the power (p. 52).
Can't play back a song from CD	Reading of data from the CD starts when the CD is inserted in the drive. It may take a few moments to complete reading of the data.

Error Messages

Indication	Meaning
Error 01:	You can only read the music file. It can not be saved.
Error 02:	An error occurred during writing. The storage media's protect tab may be in the "Protect" (writing prohibited) position, or the storage media may not yet be initialized.
Error 10:	No storage media is inserted. Insert the storage media and try again.
Error 11:	There is not sufficient free memory in the save destination. Either insert other storage media or delete unneeded files and try again.
Error 14:	An error occurred during reading. The storage media may be corrupted. Insert other storage media and try again. Alternatively, you can initialize the storage media.
Error 15:	The file is unreadable. The data format is not compatible with the RG-1F/RG-3F.
Error 16:	Data was not called up in time for playback of the song. After waiting several seconds, you may be able to play back the song by pressing the [Play/Stop] button again.
Error 18:	This audio format is not supported. Please use 44.1 kHz 16-bit linear WAV format audio files.
Error 30:	The internal memory capacity of the RG-1F/RG-3F is full.
Error 40:	The RG-1F/RG-3F cannot deal with the excessive MIDI data sent from the external MIDI device. Reduce the amount of MIDI data sent to the RG-1F/RG-3F.
Error 41:	A MIDI cable has been disconnected. Connect it properly and securely.
Error 43:	A MIDI transmission error has occurred. Check the MIDI cable and connected MIDI device.
Error 51:	There may be a problem with the system. Repeat the procedure from the beginning. If it is not solved after you have tried several times, contact the Roland service center.
Error 65:	The External memory connector was subjected to excessive current. Check the storage media to confirm that no damage has occurred to it.

Tone List

Piano

No.	Name
1	Grand Piano1
2	Piano + Str.
3	Harpsichord
4	Grand Piano2
5	Piano + Pad
6	Grand Piano3
7	MagicalPiano
8	Rock Piano
9	Piano+Choir
10	Honky-tonk
11	Coupled Hps.

E. Piano

No.	Name
1	Pop E.Piano
2	Vintage EP
3	FM E. Piano
4	Vibraphone
5	EP Belle
6	Celesta
7	'60s E.Piano
8	Clav.
9	Mallet Isle
10	Morning Lite
11	Marimba
12	Stage Phaser
13	Ballad Bells
14	'70s E.Piano
15	E.Grand

Strings

No.	Name	
1	Rich Strings	
2	OrchestraStr	
3	Orchestra	
4	ChamberWinds	
5	Harp	
6	Violin	
7	Velo Strings	
8	Flute	
9	Cello	
10	OrchestraBrs	
11	PizzicatoStr	
12	DecayStrings	*

* Tones indicated by "*" are suitable for playing layered with a piano tone.

Others

No.	Name	
1	ChurchOrgan1	
2	ChurchOrgan2	
3	Combo Jz.Org	
4	Ballad Organ	
5	Accordion	
6	Nason flt 8'	
7	Gospel Spin	
8	Full Stops	
9	Mellow Bars	
10	Light Organ	
11	Lower Organ	
12	'60s Organ	
13	Aerial Choir	
14	Jazz Scat	
15	Harpvox	
16	Glass Pad	
17	Angels Choir	
18	Beauty Vox	
19	Soft Pad	
20	Female Aahs	
21	Male Aahs	
22	Thum Voice	
23	Lunar Strngs	
24	Decay Choir	*
25	Dcy ChoirPad	*
26	Nylon-str.Gt	
27	Steel-str.Gt	
28	Jazz Guitar	
29	AcousticBass	
30	A.Bass+Cymbl	
31	FingeredBass	
32	BrassSection	
33	Alto Sax	
34	Tenor Sax	
GM2		
35	STANDARD Set	
36	ROOM Set	
37	POWER Set	
38	ELEC.Set	
39	ANALOG Set	
40	JAZZ Set	
41	BRUSH Set	
42	ORCH.Set	
43	SFX Set	

* 35–42 are drum sets.

No.	Name
44	Piano 1
45	Piano 1w
46	Piano 1d
47	Piano 2
48	Piano 2w
49	Piano 3
50	Piano 3w
51	Honky-tonk
52	Honky-tonk w
53	E.Piano 1
54	Detuned EP 1
55	Vintage EP
56	'60s E.Piano
57	E.Piano 2
58	Detuned EP 2
59	St.FM EP
60	EP Legend
61	EP Phase
62	Harpsichord
63	Coupled Hps.
64	Harpsi.w
65	Harpsi.o
66	Clav.
67	Pulse Clav.
68	Celesta
69	Glockenspiel
70	Music Box
71	Vibraphone
72	Vibraphone w
73	Marimba
74	Marimba w
75	Xylophone
76	TubularBells
77	Church Bell
78	Carillon
79	Santur
80	Organ 1
81	TremoloOrgan
82	'60s Organ
83	Organ 2
84	Perc.Organ 1
85	Chorus Organ
86	Perc.Organ 2
87	Rock Organ
88	Church Org.1
89	Church Org.2
90	Church Org.3
91	Reed Organ
92	Puff Organ

No.	Name
93	Accordion 1
94	Accordion 2
95	Harmonica
96	Bandoneon
97	Nylon-str.Gt
98	Ukulele
99	Nylon Gt o
100	Nylon Gt 2
101	Steel-str.Gt
102	12-str.Gt
103	Mandolin
104	Steel+Body
105	Jazz Guitar
106	Hawaiian Gt
107	Clean Guitar
108	Chorus Gt 1
109	Mid Tone Gt
110	Muted Guitar
111	Funk Guitar1
112	Funk Guitar2
113	Chorus Gt 2
114	Overdrive Gt
115	Guitar Pinch
116	DistortionGt
117	Gt Feedback1
118	Dist.Rtm Gt
119	Gt Harmonics
120	Gt Feedback2
121	AcousticBass
122	FingeredBass
123	Finger Slap
124	Picked Bass
125	FretlessBass
126	Slap Bass 1
127	Slap Bass 2
128	Synth Bass 1
129	WarmSyn.Bass
130	Synth Bass 3
131	Clav.Bass
132	Hammer
133	Synth Bass 2
134	Synth Bass 4
135	RubberSyn.Bs
136	Attack Pulse
137	Violin
138	Slow Violin
139	Viola
140	Cello
141	Contrabass

No.	Name
142	Tremolo Str.
143	PizzicatoStr
144	Harp
145	Yang Qin
146	Timpani
147	Strings
148	Orchestra
149	'60s Strings
150	Slow Strings
151	Syn.Strings1
152	Syn.Strings3
153	Syn.Strings2
154	Choir 1
155	Choir 2
156	Voice
157	Humming
158	Synth Voice
159	Analog Voice
160	OrchestraHit
161	Bass Hit
162	6th Hit
163	Euro Hit
164	Trumpet
165	Dark Trumpet
166	Trombone 1
167	Trombone 2
168	Bright Tb
169	Tuba
170	MuteTrumpet1
171	MuteTrumpet2
172	French Horn1
173	French Horn2
174	Brass 1
175	Brass 2
176	Synth Brass1
177	Synth Brass3
178	AnalogBrass1
179	Jump Brass
180	Synth Brass2
181	Synth Brass4
182	AnalogBrass2
183	Soprano Sax
184	Alto Sax
185	Tenor Sax
186	Baritone Sax
187	Oboe
188	English Horn
189	Bassoon
190	Clarinet

No.	Name
191	Piccolo
192	Flute
193	Recorder
194	Pan Flute
195	Bottle Blow
196	Shakuhachi
197	Whistle
198	Ocarina
199	Square Lead1
200	Square Lead2
201	Sine Lead
202	Saw Lead 1
203	Saw Lead 2
204	Doctor Solo
205	Natural Lead
206	SequencedSaw
207	Syn.Calliope
208	Chiffer Lead
209	Charang
210	Wire Lead
211	Solo Vox
212	5th Saw Lead
213	Bass+Lead
214	Delayed Lead
215	Fantasia
216	Warm Pad
217	Sine Pad
218	Polysynth
219	Space Voice
220	Itopia
221	Bowed Glass
222	Metallic Pad
223	Halo Pad
224	Sweep Pad
225	Ice Rain
226	Soundtrack
227	Crystal
228	Synth Mallet
229	Atmosphere
230	Brightness
231	Goblins
232	Echo Drops
233	Echo Bell
234	Echo Pan
235	Star Theme
236	Sitar 1
237	Sitar 2
238	Banjo
239	Shamisen

No.	Name
240	Koto
241	Taisho Koto
242	Kalimba
243	Bagpipe
244	Fiddle
245	Shanai
246	Tinkle Bell
247	Agogo
248	Steel Drums
249	Woodblock
250	Castanets
251	Taiko
252	Concert BD
253	Melodic Tom1
254	Melodic Tom2
255	Synth Drum
256	TR-808 Tom
257	Elec.Perc.
258	Reverse Cym.
259	Gt FretNoise
260	Gt Cut Noise
261	BsStringSlap
262	Breath Noise
263	Fl.Key Click
264	Seashore
265	Rain
266	Thunder
267	Wind
268	Stream
269	Bubble
270	Bird 1
271	Dog
272	Horse Gallop
273	Bird 2
274	Telephone 1
275	Telephone 2
276	DoorCreaking
277	Door
278	Scratch
279	Wind Chimes
280	Helicopter
281	Car Engine
282	Car Stop
283	Car Pass
284	Car Crash
285	Siren
286	Train
287	Jetplane
288	Starship

No.	Name
289	Burst Noise
290	Applause
291	Laughing
292	Screaming
293	Punch
294	Heart Beat
295	Footsteps
296	Gun Shot
297	Machine Gun
298	Laser Gun
299	Explosion

* In the tone group “Others” when you hold down the [+] or [–] button to switch tone in succession, the tones will stop changing at number 35 and number 44.
To select the next sound, release the [+] or [–] button, then press it again.

Internal Song List

No.	Song Name	Composer
1	Polonaise op.53	Fryderyk Franciszek Chopin
2	Valse, op.34-1	Fryderyk Franciszek Chopin
3	Nocturne No.20	Fryderyk Franciszek Chopin
4	Die Forelle	Franz Peter Schubert = Franz Liszt
5	Reflets dans l'Eau	Claude Achille Debussy
6	My Pleasure *	Masashi Hirashita
7	La Fille aux Cheveux de Lin	Claude Achille Debussy
8	La Campanella	Franz Liszt
9	Trio Grande *	John Maul
10	Scherzo No.2	Fryderyk Franciszek Chopin
11	Étude, op.10-12	Fryderyk Franciszek Chopin
12	Liebesträume 3	Franz Liszt
13	Étude, op.10-3	Fryderyk Franciszek Chopin
14	Je te veux	Erik Satie
15	Valse, op.64-1	Fryderyk Franciszek Chopin
16	Golliwog's Cakewalk	Claude Achille Debussy
17	Fantaisie-Impromptu	Fryderyk Franciszek Chopin
18	Arabesque 1	Claude Achille Debussy
19	An der schönen, blauen Donau	Johann Strauss, Sohn
20	Auf Flügeln des Gesanges	Felix Mendelsshon
21	Mazurka No.5	Fryderyk Franciszek Chopin
22	Gymnopédie 1	Erik Satie
23	Étude, op.25-1	Fryderyk Franciszek Chopin
24	Clair de Lune	Claude Achille Debussy
25	Étude, op.10-5	Fryderyk Franciszek Chopin
26	Dr. Gradus ad Parnassum	Claude Achille Debussy
27	Grande Valse Brillante	Fryderyk Franciszek Chopin
28	La prière d'une Vierge	Tekla Badarzewska
29	Course en Troïka	Peter Ilyich Tchaikovsky
30	Valse, op.64-2	Fryderyk Franciszek Chopin
31	Radetzky Marsch	Johann Baptist Strauss
32	Träumerei	Robert Alexander Schumann
33	Moments Musicaux 3	Franz Peter Schubert
34	Prèlude, op.28-15	Fryderyk Franciszek Chopin
35	Ungarische Tänze 5	Johannes Brahms
36	Nocturne No.2	Fryderyk Franciszek Chopin
37	Frühlingslied	Felix Mendelsshon
38	Für Elise	Ludwig van Beethoven
39	Türkischer Marsch	Wolfgang Amadeus Mozart
40	Humoreske	Antonín Dvořák
41	Blumenlied	Gustav Lange
42	Brautchor	Wilhelm Richard Wagner
43	Gavotte	François Joseph Gossec
44	Windy Afternoon *	Masashi Hirashita
45	Scrambled Egg *	Masashi Hirashita
46	One Down And Easy *	John Maul
47	Bop On The Rock *	John Maul
48	Fly Free *	John Maul
49	Late Night Chopin *	John Maul
50	Wedding Song *	John Maul
51	Yesterday's Dream *	John Maul
52	Sun Daze *	John Maul
53	Keepers Tale *	John Maul
54	Kismet's Salsa *	John Maul
55	Roll Over Ludwig *	John Maul
56	A Prelude To ... *	John Maul
57	From Matthew's Passion *	John Maul
58	Hungarian Rag *	John Maul
59	Paganini Boogie *	John Maul
60	L'éveil de l'amour *	Masashi Hirashita

* Songs marked by an asterisk (*) are original songs composed for the Roland Corporation. The copyrights to these songs are owned by the Roland Corporation.

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Parameters Stored to Internal Memory

Parameters Stored in Memory Backup

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Key Touch	Key touch	p. 30
Key Touch Offset	Key touch offset	p. 32
Lid	Lid	p. 32
Tone Character	Tone character	p. 32
Damper Resonance	Damper resonance	p. 32
String Resonance	String resonance	p. 32
KeyOff Resonance	Key off resonance	p. 32
CabinetResonance	Cabinet resonance	p. 32
Hammer Noise	Hammer noise	p. 32
Hammer Response	Hammer response	p. 32
Duplex Scale	Duplex scale	p. 32
Damper Noise	Damper noise	p. 32
Master Tune	Master Tuning	p. 56
Temperament	Temperament	p. 56
Temperament Key	Tonic note	p. 57
Stretch Tune	Stretch tune	p. 57
Equalizer	Equalizer set number	p. 58
EQ Low Gain	Level of the low-frequency range	p. 58
EQ Low Freq	Frequency point in the low-frequency range	
EQ Lo Mid Gain	Level of the mid- to low-frequency range	
EQ Lo Mid Freq	Center frequency of the mid- to low-frequency range	
EQ Lo Mid Q	Bandwidth of the mid- to low-frequency range	
EQ Hi Mid Gain	Level of the mid- to high-frequency range	
EQ Hi Mid Freq	Center frequency of the mid- to high-frequency range	
EQ Hi Mid Q	Bandwidth of the mid- to high-frequency range	
EQ High Gain	Level of the high-frequency range	
EQ High Freq	Frequency point in the high-frequency range	
Equalizer Master Gain	Equalizer master level	
Play Mode	Song Playback method	p. 62
Track Assign	Track assign	p. 63
Recommended Tone	Recommended tone function on/off	p. 63
CD/Audio Type	CD-type to play back	p. 64
MIDI Tx Channel	MIDI transmit channel	p. 66
Composer MIDIOut	Composer MIDI out	p. 66
V-LINK Channel	V-LINK transmit channel	p. 67
Split Point	Split point	p. 26
Dual Balance	Dual balance	p. 68
Transpose Mode	Transpose mode	p. 69
Damper Pdl Part	Damper Pedal Part	p. 69
Pedal Cent	The function assigned to the center pedal	p. 70
Pedal Left	The function assigned to the left pedal	
Song Volume	Playback volume of a song	p. 46
Audio Volume	Audio CD/Audio file playback volume level	p. 48
Reverb	Reverb settings (on/off, depth)	p. 24

Parameters Stored without Using Memory Backup

Parameter	Description	Page
EXT Memory Mode	Changing the communication settings for USB memory	p. 71
USB Driver	Settings for the USB driver	p. 72

Items Saved as User Programs

Parameter	Description	Page
-	Selected tone	p. 22
-	Tone 1/Tone2 (Dual performance)	p. 23
-	Right-hand tone/Left-hand tone (Split performance)	p. 25
-	Dual performance On/Off	p. 23
Split	Split performance On/Off	p. 25
Split Point	Split point	p. 26
Dual Balance	Dual balance	p. 68
Transpose Value	Transpose value	p. 27
Transpose Mode	Transpose mode	p. 69
Damper Pdl Part	Damper Pedal Part	p. 69
Pedal Cent	The function assigned to the center pedal	p. 70
Pedal Left	The function assigned to the left pedal	
Octave Shift	Octave Shift	p. 71
Tx PC Channel	MIDI channel to send Program Changes	p. 68
PC	Program Change	
Bank MSB	Bank Select MSB	
Bank LSB	Bank Select LSB	
Song Volume	Playback volume of a song	p. 46
Audio Volume	Audio CD/Audio file playback volume level	p. 48
Reverb	Reverb settings (on/off, depth)	p. 24

Music Files That the RG-1F/RG-3F Can Use

What Are Music Files?

Music files contains musical information such as how long the key for a corresponding pitch is played, the force applied to the key played, and other such information. Performance data is transmitted to the RG-1F/RG-3F from music files saved in USB memory and played back without change as songs. This is different than a audio CD, since the music file does not contain a recording of the sound itself. This makes it possible to erase certain parts, or to change instruments, tempos and keys freely, allowing you to use it in many different ways.

Regarding Copyright

Use of the song data supplied with this product for any purpose other than private, personal enjoyment without the permission of the copyright holder is prohibited by law. Additionally, this data must not be copied, nor used in a secondary copyrighted work without the permission of the copyright holder.

Please be aware that if you create derivative works that are based on existing copyrighted material, such as commercially available SMF music files, such works may violate copyright law if used for any purpose other than personal enjoyment. Roland takes no responsibility for any copyright violation you may commit by creating such works.

The RG-1F/RG-3F allows you to use the following music files

VIMA TUNES

VIMA TUNES is a Roland specification for music files that contains image and lyric data, allowing you to enjoy songs with lyrics and images simultaneously.

When data bearing the "VIMA TUNES" logo is played back on a device that bears the same logo, lyrics can be shown on the screen of a connected external display or television, letting you enjoy karaoke or watch a slide show.

* This instrument (RG-1F/RG-3F) is not able to play back VIMA TUNES images and lyric data.

SMF Music Files

SMFs (Standard MIDI Files) use a standard format for music file that was formulated so that files containing music file could be widely compatible, regardless of the manufacturer of the listening device. An enormous variety of music is available, whether it be for listening, for practicing musical instruments, for Karaoke, etc.

General MIDI

The General MIDI is a set of recommendations which seeks to provide a way to go beyond the limitations of proprietary designs, and standardize the MIDI capabilities of sound generating devices. Sound generating devices and music files that meets the General MIDI standard bears the General MIDI logo. Music files bearing the General MIDI logo can be played back using any General MIDI sound generating unit to produce essentially the same musical performance.

General MIDI 2

The upwardly compatible General MIDI 2 recommendations pick up where the original General MIDI left off, offering enhanced expressive capabilities, and even greater compatibility. Issues that were not covered by the original General MIDI recommendations, such as how sounds are to be edited, and how effects should be handled, have now been precisely defined. Moreover, the available sounds have been expanded. General MIDI 2 compliant sound generators are capable of reliably playing back music files that carry either the General MIDI or General MIDI 2 logo.

In some cases, the conventional form of General MIDI, which does not include the new enhancements, is referred to as "General MIDI 1" as a way of distinguishing it from General MIDI 2.

GS Format

The GS Format is Roland's set of specifications for standardizing the performance of sound generating devices.

In addition to including support for everything defined by the General MIDI, the highly compatible GS Format additionally offers an expanded number of sounds, provides for the editing of sounds, and spells out many details for a wide range of extra features, including effects such as reverb and chorus. Designed with the future in mind, the GS Format can readily include new sounds and support new hardware features when they arrive. Since it is upwardly compatible with the General MIDI, Roland's GS Format is capable of reliably playing back GM Scores equally as well as it performs GS music files (music files that have been created with the GS Format in mind). This product supports both the General MIDI 2 and the GS Format, and can be used to play back music files carrying either of these logos.

XGlite

XG is a tone generator format of YAMAHA Corporation, that defines the ways in which voices are expanded or edited and the structure and type of effects, in addition to the General MIDI 1 specification. XGlite is a simplified version of XG tone generation format. You can play back any XG music files using an XGlite tone generator. However, keep in mind that some music files may play back differently compared to the original files, due to the reduced set of control parameters and effects.

Main Specifications

RG-1F/RG-3F	
<Keyboard>	
Keyboard	88 keys (PHA III ivory feel Keyboard with Escapement)
Touch Sensitivity	Touch: 100 levels, fixed touch
	Hammer Response: Off, 1–10
Keyboard Mode	Whole, Dual (volume balance adjustable), Split (split point adjustable)
<Sound Generator> Conforms to GM2/GS/XGlite	
Piano Sound	SuperNATURAL Piano Sound
Max. Polyphony	128 voices
Tones	337 tones (including 8 drum sets, 1 SFX set)
Temperament	8 types, selectable temperament key
Stretched Tuning	Off, Preset, User tuning (adjustable in individual notes)
Master Tuning	415.3–466.2 Hz (adjustable in increments of 0.1 Hz)
Transpose	Key Transpose: -6– +5 (in semitones) Playback Transpose (with Audio CD/Audio File): -6– +5 (in semitones)
Effects	Reverb (Off, 1–10)
	Only for Piano Tones: Open/close lid (7 levels), Hammer Noise (5 levels), Tone Character (-5– +5), Damper Resonance (Off, 1–10), String Resonance (Off, 1–10), Key Off Resonance (Off, 1–10), Cabinet Resonance (Off, 1–10), Hammer Noise (5 levels), Duplex Scale (Off, 1–10), Damper Noise (Off, 1–10)
	Only for Organ Tones: Rotary Speaker Effect (Slow/Fast)
Equalizer	4-band Digital Equalizer
<Metronome>	
Tempo	Quarter note = 10 to 500
Beat	2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8
Volume	11 levels
<User Program>	
Internal	36
User Memory	Max. 99 User Program sets
USB Memory	Max. 99 User Program sets
<Recorder>	
Track	1 track
Song	Recorder section: 1 song
Note Storage	Approx. 30,000 notes
Tempo	Quarter note= 10 to 500
Resolution	120 ticks per quarter note
Controls	Song Select, Play / Stop, Rec, Rewind to the top of the song, Rewinding, Fast-forwarding, Track Mute, Mute Volume, Tempo, All Songs Play, Count-in (only for Music files playback), Song Volume, Center Cancel (only for Audio playback)

RG-1F/RG-3F	
<Internal Memory>	
Songs	Max. 99 songs
Save Song	Standard MIDI Files (Format 0)
<External Memory>	
External Storage	USB Memory (sold separately)
Playable Software	Standard MIDI Files (Format 0/1) Roland Original Format (i-Format) Audio File (WAV 44.1 kHz / 16-bit linear format) Audio CDs (CD-DA) (when using a USB CD drive)
Save Song	Standard MIDI Files (Format 0)
<Others>	
Internal Songs	60 songs
Rated Power Output	**RG-1F:** 40 W x 2
	RG-3F: 60 W x 2
Speakers	20 cm x 2, 5 cm x 2
Display	20 characters, 2 lines LCD
Controls	Volume, Brilliance, LCD Contrast
Pedals	Damper (Progressive Damper Action Pedal, capable of continuous detection), Soft (capable of continuous detection, function assignable), Sostenuto (function assignable)
Other Functions	Panel Lock, Playback Lock, V-LINK
Connectors	AC inlet, Pedal connector, Input jacks (1/4 inch phone type) (L/Mono, R), Input jacks (RCA phono type) (L/Mono, R), Output jacks (1/4 inch phone type) (L/Mono, R), USB (MIDI) connector, MIDI connectors (IN, OUT), Headphone jack (Stereo) x 2 , External memory connector (USB)
Power Consumption	**RG-1F:** 95 W
	RG-3F: 140 W
Dimensions	**RG-1F:** 1,420 (W) x 730 (D) x 1,270 (H) mm (top opened) 56 (W) x 29 (D) x 50 (H) inches 1,420 (W) x 730 (D) x 890 (H) mm (top closed) 56 (W) x 29 (D) x 36 (H) inches
	RG-3F: 1,490 (W) x 950 (D) x 1,540 (H) mm (top opened) 58-11/16 (W) x 37-7/16 (D) x 60-11/16 (H) inches 1,490 (W) x 950 (D) x 920 (H) mm (top closed) 58-11/16 (W) x 37-7/16(D) x 36-1/4 (H) inches
Weight	**RG-1F:** 75 kg / 166 lbs
	RG-3F: 110 kg / 243 lbs
Accessories	Owner's Manual, Power Cord, Headphone Hook, Brackets (RG-1F), Maintenance Kit (RG-3F), Key Cover (RG-3F), Caster Caps (RG-3F)

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

About the Ivory Feel Keyboard

Traditional piano keys are made from the best materials-ivory (for white keys) and ebony (for black keys). The Ivory Feel keyboard uses the latest in technology to reproduce the touch and feel of these materials.

- Surfaces incorporate stripes of moisture-absorbing material for improved touch and playability.
- The keys feature subtle gloss and understated coloring, enhancing the look and elegance.
- The white keys are finished with a slight yellowish tinge for the look of real ivory.
- We're sure you'll develop a fondness for the distinctive texture of these keys, which feels better the more you play them.

Note: To Ensure Usage in Optimal Conditions

Handling

- Do not write on the keyboard with any pen or other implement, and do not stamp or place any marking on the instrument. Ink will seep into the surface lines and become unremovable.
- Do not affix stickers on the keyboard. You may be unable to remove stickers that use strong adhesives, and the adhesive may cause discoloration.

Care and Maintenance

Please note the following points. Failure to do so may result in scratches on the surface finish, damaged gloss, or other discoloration or deformation.

- To remove dirt, use a soft cloth.
  Using a moistened and tightly wrung-out cloth, gently wipe off any dirt.
  Do not rub the surface vigorously.
- To remove stubborn dirt, use a commercially available keyboard cleaner that does not contain abrasives.
  Start by wiping lightly.
  If the dirt does not come off, wipe using gradually increasing amounts of pressure while taking care not to scratch the keys.
- Do not use benzene, paint thinner, or alcohol on the instrument.

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MEMO

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As of Jan. 1,2010 (ROLAND)

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DE Dieses Symbol bedeutet, dass dieses Produkt in EU-Ländern getrennt vom Hausmüll gesammelt werden muss gemäß den regionalen Bestimmungen. Mit diesem Symbol gekennzeichnete Produkte dürfen nicht zusammen mit den Hausmüll entsorgt werden.

FR Ce symbole indique que dans les pays de l'Union européenne, ce produit doit être collecté séparément des ordures ménagères selon les directives en vigueur dans chacun de ces pays. Les produits portant ce symbole ne doivent pas être mis au rebut avec les ordures ménagères.

IT Questo simbolo indica che nei paesi della Comunità europea questo prodotto deve essere smaltito separatamente dai normali rifiuti domestici, secondo la legislazione in vigore in ciascun paese. I prodotti che riportano questo simbolo non devono essere smaltiti insieme ai rifiuti domestici. Ai sensi dell'art. 13 del D.Lgs. 25 luglio 2005 n. 151.

ES Este símbolo indica que en los países de la Unión Europea este producto debe recogerse aparte de los residuos domésticos, tal como esté regulado en cada zona. Los productos con este símbolo no se deben depositar con los residuos domésticos.

PT Este símbolo indica que nos países da UE, a recolha deste produto deverá ser feita separadamente do lixo doméstico, de acordo com os regulamentos de cada região. Os produtos que apresentem este símbolo não deverão ser eliminados juntamente com o lixo doméstico.

NL Dit symbool geeft aan dat in landen van de EU dit product gescheiden van huishoudelijk afval moet worden aangeboden, zoals bepaald per gemeente of regio. Producten die van dit symbool zijn voorzien, mogen niet samen met huishoudelijk afval worden verwijderd.

DK Dette symbol angiver, at i EU-lande skal dette produkt opsamles adskilt fra husholdningsaffald, som defineret i hver enkelt region. Produkter med dette symbol må ikke smides ud sammen med husholdningsaffald.

NO Dette symbolet indikerer at produktet må behandles som spesialavfall i EU-land, iht. til retningslinjer for den enkelte regionen, og ikke kastes sammen med vanlig husholdningsavfall. Produkter som er merket med dette symbolet, må ikke kastes sammen med vanlig husholdningsavfall.

SE Symbolen anger att i EU-länder måste den här produkten kasseras separat från hushållsavfall, i enlighet med varje regions bestämmelser. Produkter med den här symbolen får inte kasseras tillsammans med hushållsavfall.

FI Tämä merkintä ilmaisee, että tuote on EU-maissa kerättävä erillään kotitalousjätteistä kunkin alueen voimassa olevien määräysten mukaisesti. Tällä merkinnällä varustettuja tuotteita ei saa hävittää kotitalousjätteiden mukana.

HU Ez a szimbólum azt jelenti, hogy az Európai Unióban ezt a terméket a háztartási hulladéktól elkülönítve, az adott régióban érvényes szabályozás szerint kell gyűjteni. Az ezzel a szimbólummal ellátott termékeket nem szabad a háztartási hulladék közé dobni.

PL Symbol oznacza, że zgodnie z regulacjami w odpowiednim regionie, w krajach UE produktu nie należy wyrzucać z odpadami domowymi. Produktów opatrzonych tym symbolem nie można utylizować razem z odpadami domowymi.

CZ Tento symbol udává, že v zemích EU musí být tento výrobek sbírán odděleně od domácího odpadu, jak je určeno pro každý region. Výrobky nesoucí tento symbol se nesmí vyhazovat spolu s domácím odpadem.

SK Tento symbol vyjadruje, že v krajinách EÚ sa musí zber tohto produktu vykonávať oddelene od domového odpadu, podľa nariadení platných v konkrétnej krajine. Produkty s týmto symbolom sa nesmú vyhadzovať spolu s domovým odpadom.

EE See sümbol näitab, et EL-i maades tuleb see toode olemprügist eraldi koguda, nii nagu on igas piirkonnas määratletud. Selle sümboliga märgitud tooteid ei tohi ära visata koos olmeprügiga.

LT Šis simbolis rodo, kad ES šalyse šis produktas turi būti surenkamas atskirai nuo buitinių atliekų, kaip nustatyta kiekviename regione. Šiuo simboliu paženklinti produktai neturi būti išmetami kartu su buitinėmis atliekomis.

LV Šis simbols norāda, ka ES valstīs šo produktu jāievāc atsevišķi no mājsaimniecības atkritumiem, kā noteikts katrā reģionā. Produktus ar šo simbolu nedrīkst izmest kopā ar mājsaimniecības atkritumiem.

SI Ta simbol označuje, da je treba proizvod v državah EU zbirati ločeno od gospodinjskih odpadkov, tako kot je določeno v vsaki regiji. Proizvoda s tem znakom ni dovoljeno odlagati skupaj z gospodinjskimi odpadki.

GR Το σύμβολο αυτό υποδηλώνει ότι στις χώρες της E.E. το συγκεκριμένο προϊόν πρέπει να συλλέγεται χωριστά από τα υπόλοιπα οικιακά απορρίμματα, σύμφωνα με όσα προβλέπονται σε κάθε περιοχή. Τα προϊόντα που φέρουν το συγκεκριμένο σύμβολο δεν πρέπει να απορρίπτονται μαζί με τα οικιακά απορρίμματα.

For China

有关产品中所含有害物质的说明

本资料就本公司产品中所含的特定有害物质及其安全性予以说明。

本资料适用于 2007 年 3 月 1 日以后本公司所制造的产品。

环保使用期限

此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在自制造日起的规定期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。

环保使用期限仅在遵照产品使用说明书，正确使用产品的条件下才有效。

不当的使用，将会导致有害物质泄漏的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
外壳（壳体）	×	○	○	○	○	○
电子部件（印刷电路板等）	×	○	×	○	○	○
附件（电源线、交流适配器等）	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。

×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。
因根据现有的技术水平，还没有什么物质能够代替它。

For EU Countries

This product complies with the requirements of EMCD 2004/108/EC and LVD 2006/95/EC.

For the USA

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Unauthorized changes or modification to this system can void the users authority to operate this equipment.
This equipment requires shielded interface cables in order to meet FCC class B Limit.

For Canada

NOTICE

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

AVIS

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

For C.A. US (Proposition 65)

WARNING

This product contains chemicals known to cause cancer, birth defects and other reproductive harm, including lead.

For the USA

DECLARATION OF CONFORMITY Compliance Information Statement

Model Name :	RG-1F/RG-3F
Type of Equipment :	Digital Piano
Responsible Party :	Roland Corporation U.S.
Address :	5100 S.Eastern Avenue, Los Angeles, CA 90040-2938
Telephone :	(323) 890-3700

Roland

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